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OM protein - protein search, using sw model

Run on: November 21, 2004, 15:36:55 ; Search time 39 Seconds  
(without alignments)  
736.300 Million cell updates/sec

Title: US-09-581-742B-2  
Perfect score: 2334  
Sequence: 1 MAELRPSGAPGTAPPAGP.....EGAPATEHPYAAHGPWLQL 433

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

- 1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:\*
- 2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:\*
- 3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep:\*
- 4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep:\*
- 5: /cgn2\_6/ptodata/1/1aa/PCTUS\_COMB.pep:\*
- 6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2334	100.0	433	US-10-140-002-6	Sequence 6, Appli
2	2337	99.7	484	US-09-581-831-2	Sequence 2, Appli
3	743.5	31.9	468	US-09-581-831-5	Sequence 5, Appli
4	106.5	4.6	647	US-09-252-991A-24935	Sequence 24935, A
5	102	4.4	383	US-09-252-991A-29621	Sequence 29621, A
6	101	4.3	1001	US-08-584-569A-2	Sequence 2, Appli
7	99	4.2	535	US-09-252-991A-21805	Sequence 21805, A
8	98.5	4.2	1436	US-08-652-971-2	Sequence 2, Appli
9	98.5	4.2	1436	US-08-991-258A-2	Sequence 2, Appli
10	98.5	4.2	1436	US-08-769-399-2	Sequence 2, Appli
11	98.5	4.2	1436	US-08-991-953A-2	Sequence 2, Appli
12	98	4.2	262	US-08-946-914-14	Sequence 14, Appl
13	98	4.2	262	US-09-656-450-14	Sequence 14, Appl
14	97.5	4.2	355	US-08-483-533-41	Sequence 41, Appl
15	97.5	4.2	355	US-09-283-471A-41	Sequence 41, Appl
16	97.5	4.2	355	PCT-US91-06532-3	Sequence 3, Appli
17	97	4.2	380	US-09-026-587-4	Sequence 4, Appli
18	97	4.2	380	US-09-227-420-4	Sequence 4, Appli
19	97	4.2	380	US-09-387-811-4	Sequence 4, Appli
20	97	4.2	380	US-09-823-240A-10	Sequence 10, Appl
21	97	4.2	635	US-09-417-197-125	Sequence 125, App
22	96.5	4.1	362	US-09-055-097-7	Sequence 7, Appli
23	96.5	4.1	362	US-09-118-464-6	Sequence 6, Appli
24	96.5	4.1	362	US-09-373-902-7	Sequence 7, Appli
25	95.5	4.1	351	US-08-868-288A-6	Sequence 6, Appli
26	95.5	4.1	351	US-09-235-373-6	Sequence 6, Appli
27	95.5	4.1	351	US-09-388-993-6	Sequence 6, Appli

#### ALIGNMENTS

##### RESULT 1

US-10-140-002-6

; Sequence 6, Application US/10140002

; Patent No. 6725730

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: DeNoviers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCES: P3330R1C59

; CURRENT APPLICATION NUMBER: US/10/140,002

; CURRENT FILING DATE: 2002-05-06

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 6

; LENGTH: 433

; TYPE: PRT

; ORGANISM: Homo Sapien

; US-10-140-002-6

Query Match 100.0%; Score 2334; DB 4; Length 433;

Best Local Similarity 100.0%; Pred No. 1.9e-213;

Mismatches 0; Indels 0; Gaps 0;

Matches 433; Conservative 0;

QY 1 MAELRPSGAPGTAPPAGTAPPASLPFPGHAIYGCRRLYPQNPLOQTATVKY 60

Db 1 MAELRPSGAPGTAPPAGTAPPASLPFPGHAIYGCRRLYPQNPLOQTATVKY 60

QY 61 WLGGPDLDDYVMYVNGSPSANIPHHVYISGLSDLYGDNRVHETGTDGSGGFGFEL 120

Db 61 WLGGPDLDDYVMYVNGSPSANIPHHVYISGLSDLYGDNRVHETGTDGSGGFGFEL 120

QY 121 TFLKRTGTSAPPTWPAELMQGLARYVFOSENTFCSGDHVSWHSPLDNSESRIQHMLLT 180

Db 121 TFLKRTGTSAPPTWPAELMQGLARYVFOSENTFCSGDHVSWHSPLDNSESRIQHMLLT 180

QY 121 TFLKRTGTSAPPTWPAELMQGLARYVFOSENTFCSGDHVSWHSPLDNSESRIQHMLLT 180

Db 121 TFLKRTGTSAPPTWPAELMQGLARYVFOSENTFCSGDHVSWHSPLDNSESRIQHMLLT 180

QY 181 EDPMQVQTPFGVTFLOIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR 240  
 Db 181 EDPMQVQTPFGVTFLOIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR 240  
 QY 241 GETIFEIDPHLQERVVDKGIETDGSNLGVSASAKAWDDLSPPEDEDSRSICIGTQPRRL 300  
 Db 241 GETIFEIDPHLQERVVDKGIETDGSNLGVSASAKAWDDLSPPEDEDSRSICIGTQPRRL 300  
 QY 301 SKDTEQIRETLRRGLEINSPVLPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360  
 Db 301 SKDTEQIRETLRRGLEINSPVLPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360  
 QY 361 ITRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
 Db 361 ITRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
 QY 421 EHPYAAHGFWLQL 433  
 Db 421 EHPYAAHGFWLQL 433

RESULT 2  
 US-09-581-831-2  
 ; Sequence 2, Application US/09581831  
 ; Patent No. 6448020  
 ; GENERAL INFORMATION:  
 ; APPLICANT: TOFTGARD, RUNE  
 ; APPLICANT: ZAPHIROPOULOS, PETER G.  
 ; APPLICANT: KOGEMAN, PRIIT  
 ; APPLICANT: GRIMM, THOMAS  
 ; TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED  
 ; FILE REFERENCE: 50695-60568  
 ; CURRENT APPLICATION NUMBER: US/09/581,831  
 ; PRIOR FILING DATE: 2000-08-21  
 ; PRIOR APPLICATION NUMBER: PCT/SE98/02383  
 ; PRIOR FILING DATE: 1998-12-18  
 ; PRIOR FILING DATE: 1997-12-19  
 ; PRIOR FILING DATE: 1998-06-26  
 ; NUMBER OF SEQ ID NOS: 5  
 ; SOFTWARE: Patent in Ver. 2.1  
 ; SEQ ID NO 2  
 ; LENGTH: 484  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-581-831-2

Query Match 99.7%; Score 2327; DB 4; Length 484;  
 Best Local Similarity 99.5%; Pred. No. 1e-212;  
 Matches 431; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MAELRPSGAGTAPPAGTAPAPASLPPGLHAIYGECCRLYPDPNPLQVTAIVKY 60  
 Db 1 MAELRPSGAGTAPPAGTAPAPASLPPGLHAIYGECCRLYPDPNPLQVTAIVKY 60  
 QY 61 WLGGPDLVYMYRNVSANIPERHWHVIFGLSDLYGDNVRHFTGTGDSGSGFEL 120  
 Db 61 WLGGPDLVYMYRNVSANIPERHWHVIFGLSDLYGDNVRHFTGTGDSGSGFEL 120  
 QY 121 TFLRKRTGTSAPPTWPAELMQGLARVVOSENTFCGSDHVSPLDSESRIOHMLT 180  
 Db 121 TFLRKRTGTSAPPTWPAELMQGLARVVOSENTFCGSDHVSPLDSESRIOHMLT 180  
 QY 181 EDPMQVQTPFGVTFLOIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR 240  
 Db 181 EDPMQVQTPFGVTFLOIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR 240  
 QY 241 GETIFEIDPHLQERVVDKGIETDGSNLGVSASAKAWDDLSPPEDEDSRSICIGTQPRRL 300  
 Db 241 GETIFEIDPHLQERVVDKGIETDGSNLGVSASAKAWDDLSPPEDEDSRSICIGTQPRRL 300

QY 301 SKDTEQIRETLRRGLEINSPVLPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360  
 Db 301 SKDTEQIRETLRRGLEINSPVLPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360  
 QY 361 ITRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
 Db 361 ITRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
 QY 421 EHPYAAHGFWLQL 433  
 Db 421 EHPYAAHGFWLQL 433

RESULT 3  
 US-09-581-831-5  
 ; Sequence 5, Application US/09581831  
 ; Patent No. 6448020  
 ; GENERAL INFORMATION:  
 ; APPLICANT: TOFTGARD, RUNE  
 ; APPLICANT: ZAPHIROPOULOS, PETER G.  
 ; APPLICANT: KOGEMAN, PRIIT  
 ; APPLICANT: GRIMM, THOMAS  
 ; TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED  
 ; FILE REFERENCE: 50695-60568  
 ; CURRENT APPLICATION NUMBER: US/09/581,831  
 ; PRIOR FILING DATE: 2000-08-21  
 ; PRIOR APPLICATION NUMBER: PCT/SE98/02383  
 ; PRIOR FILING DATE: 1998-12-18  
 ; PRIOR FILING DATE: 1997-12-19  
 ; PRIOR FILING DATE: 1998-06-26  
 ; NUMBER OF SEQ ID NOS: 5  
 ; SOFTWARE: Patent in Ver. 2.1  
 ; SEQ ID NO 5  
 ; LENGTH: 468  
 ; TYPE: PRT  
 ; ORGANISM: Drosophila melanogaster  
 US-09-581-831-5

Query Match 31.9%; Score 743.5; DB 4; Length 468;  
 Best Local Similarity 37.2%; Pred. No. 4.2e-62;  
 Matches 160; Conservative 64; Mismatches 143; Indels 63; Gaps 9;

QY 31 PPLHAIYGECCRLYPDPNPLQVTAIVKYWLGGPDLVYMYRNVSANIPERHWHY 90  
 Db 15 PPLKAIIDHGLQVYFNPQNPLOVTTLLKYWLGGPDLVYMYRNVSANIPERHWHY 74  
 QY 91 ISFGLSDLYGDNVRHFTGTGDSGSGFELTFLRKRTGE-----SAPPTWPAE 139  
 Db 75 ISFGLSDLYGDNVRHFTGTGDSGSGFELTFLRKRTGE-----SAPPTWPAE 134  
 QY 140 LMQGLARVVOSENTFCGSDHVSPLDSESRIOHMLTDEPQVQTPFGVTFEL 198  
 Db 135 LMQGLARVVOSENTFCGSDHVSPLDSESRIOHMLTDEPQVQTPFGVTFEL 194  
 QY 199 QIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRRGETIFEIDPHLQERVVDK 258  
 Db 195 QIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRRGETIFEIDPHLQERVVDK 254  
 QY 259 IETGNSNLGVSASAKAWDDLSPPEDEDSRSICIGTQPRRLSGK 303  
 Db 255 LEKQGSGLAGVADNDFSPRELKPTKEVKEVDFOALSEKCANDENNRQL-----T 303  
 QY 304 DTEQIRETLRRGLEINSPVLPINPQONGLAHRAPSRKDSLESSTAIIPHELIRT 363  
 Db 304 DTQMKRE-----EPFPPQSMSSNSL-HKSCPL---DFQAQAFNCI-----T 341  
 QY 364 RQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATEHP 423  
 Db 342 -SLDGIBITLAPGVAKYLLAIKDIRHGRHFTFKA--OHLALTVAESVTGSAVTNPEP 398

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QY 424 YAAHGPWLQL 433
Db 399 YGVLGWLVQV 408

RESULT 4
US-09-252-991A-24935
; Sequence 24935, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 24935
; LENGTH: 647
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; NAME/KEY: UNSURE
; LOCATION: (148), (170)
; OTHER INFORMATION: Identity of amino acid at the above locations are unknown.
US-09-252-991A-24935

Query Match 4.6%; Score 106.5; DB 4; Length 647;
Best Local Similarity 24.1%; Pred. No. 0.27;
Matches 75; Conservative 45; Mismatches 122; Indels 69; Gaps 19;

QY 16 PAPGTAPAPAFASLPP---GIHA---IYG--ECRRLYDPQNPLOVTAIVKYLWG-GPD 66
Db 234 PEPFGRLDAIGSIFNSVGYELHANEQYGAEDAPVSFFLWNPQLDRV---QWTGFNPN 291
QY 67 PDYVSMYR---NVGSPGANIPEHWHYISFGL-SDLYGDNRVHEFTGTDGSGFGFELTF 122
Db 292 HINVEIDNRKFDVGAARNAGE-----AVGVFADVKVLSPIQSALHIGYFSSINVDNLI 346
QY 123 LRKRTGESAPPTWPAELM-----QGLARYVQSENFCSDHVSWSHSPDLNSES 173
Db 347 RIEDQLGOLKPPAWPNQLFGAPEPTRVAEGRELY-----RQHCS-----SCHTPLDRNDLR 397
QY 174 IQHMLLTEDPQMPQVPTFGVVTFLQIVGVCTEELHSAQQWNGQIGLELLRTVPIAGGPW 233
Db 398 -----TPVKT-----VLTHLQARGEVAP--IGTDPWTACNSIAQLKTYVGRKPY 440
QY 234 LI---TDMR--RGETIFEIDPHLOERVDKGIETDGSNLS-----GVSAKCAWD-----DLNR 280
Db 441 LGSFVGFGQRFYKQAYAVDV-LQEVVQALAAARGLSVALGAFQTAALGIFDGQLPPLIS 499
QY 281 PPEDEDSRSI 291
Db 500 PVPDSDPADSV 510

RESULT 5
US-09-252-991A-29621
; Sequence 29621, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
```

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; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 29621
; LENGTH: 383
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29621

Query Match 4.4%; Score 102; DB 4; Length 383;
Best Local Similarity 21.3%; Pred. No. 0.33;
Matches 60; Conservative 33; Mismatches 125; Indels 64; Gaps 9;

QY 6 PSGAGPTAPPAPGTAPAFASLPPPLGHLHAYGBCRRLYPDQNPLOVTAIVKYLWG 65
Db 63 PMATPWCATPATGRSSPTSTSRMP-----CR-----TVSTIPPSTLAGP 104
QY 66 DPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGSGFGFELTF-- 123
Db 105 TPRATSSAPAMASTSASTVPR-----AGSAPTRTAHRSPTSCNSRSTRASERSRQT 158
QY 124 LKRTGESAP---PTWPAELMQLARYVQSENFCSDHVSWSHSPDLNSESRIQHMLLT 180
Db 159 MKQOTVNTFRPFLPIWAQALLAGAAFAAYASQAAYA-----DSLEERLRAQLRS 207
QY 181 EDPMQMPVQTPPGVVTFLQIVGVCTEELHSAQQWNGQIGLELLRTVPIAGGPWLIIDMR 240
Db 208 TTQQLQALQT-----PQAQATAAKAALLESQORDAALAQVKQLSALRAR 249
QY 241 ----GTFIFEIDPHLOERVDKGIETDGSNLSGVSAKCAWDDL 278
Db 250 AKQAQLSQAQQOGLHADRARQVSAQNEQLG--KYKQAYDEL 289

RESULT 6
US-08-884-569A-2
; Sequence 2, Application US/08884569A
; Patent No. 6393326
; GENERAL INFORMATION:
; APPLICANT: CHIANG, MING-KO
; APPLICANT: FLANAGAN, JOHN G.
; TITLE OF INVENTION: RECEPTOR TYROSINE PHOSPHATASE, AND USES RELATED THERETO
; FILE REFERENCE: HMV-020.01
; CURRENT APPLICATION NUMBER: US/08/884,569A
; CURRENT FILING DATE: 1997-06-27
; PRIOR FILING DATE: 1996-07-02
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2
; LENGTH: 1001
; TYPE: PRT
; ORGANISM: Mus sp.
US-08-884-569A-2

Query Match 4.3%; Score 101; DB 3; Length 1001;
Best Local Similarity 20.9%; Pred. No. 1.7;
Matches 81; Conservative 53; Mismatches 138; Indels 116; Gaps 19;

QY 10 PGTPAPPAP---GPTAPPAPASLFPFGL-----HAIYGECHRL-----YDQP 49
Db 16 PLPRALPAPASARGQLPGLGCLFEDGLGSLTCVNDGVGRCQKVPVMDTYRYEVPP 75
QY 50 NP---LQVTAIVKYLWGPPDPLDYVMYRNVGSPSANIPEH---WHYISFGLSDLYGDNRV 104
Db 76 GALLHLKVTIQLKLSRTQFTQDDYDQ---RVIAQELANLPKAYLWH-----GE--- 120
QY 105 HEFTGTDGPS-----GFGFELTFLKRTGESAPPTWPAELMQLARYVQSENFCSGD 159
Db 121 ----TSGPARSLQONADNEKWFSLREVA-----LAKTLRRLPYLE----- 158
QY 160 HVSHSPDLNSESRIQHMLLTEDPQMPVQ-----TPFGVVTFLQIVGVCTEELHSAQQWN 215
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Db 159 -LLSQTPANASRDH-----STRAKEDSSFNILTYVAHTSALTYPATRAKYP 210  
 QY 216 GOGILELLRTVFIAGGPMILITDMRGETIFRIDPHLQERVDKGIETD-----GSGN-- 265  
 Db 211 DNLRLPFRGLQDELSPKVDGIDKQKLIAGALGAYTAQRLFG--ENDPEPRYLHVGSSRA 268  
 QY 266 ---LSGVSAKCAWDLSPRPDEDDSRSCICGTQPRRLSGKDTQIRTLRGLRLEINSKP 322  
 Db 269 PRPFGATALSQRWPP---PPGAKDSPM-----DDDTLLQSLKLDJQQNSE- 312  
 QY 323 VLPPINPQRQGLAHDRAPSRKDSLESD 350  
 Db 313 -----VDRGLPLKEEKADSVAGAIQSD 334

## RESULT 7

US-09-252-991A-21805  
 ; Sequence 21805, Application US/09252991A  
 ; Patent No. 6551795  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Marc J. Rubenfield et al.  
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 ; FILE REFERENCE: 107196.136  
 ; CURRENT APPLICATION NUMBER: US/09/252,991A  
 ; PRIOR FILING DATE: 1999-02-18  
 ; PRIOR APPLICATION NUMBER: US 60/074,788  
 ; PRIOR FILING DATE: 1998-02-18  
 ; PRIOR APPLICATION NUMBER: US 60/094,190  
 ; PRIOR FILING DATE: 1998-07-27  
 ; NUMBER OF SEQ ID NOS: 33142  
 ; SEQ ID NO 21805  
 ; LENGTH: 535  
 ; TYPE: PRT  
 ; ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-21805

Query Match 4.2%; Score 99; DB 4; Length 535;  
 Best Local Similarity 20.1%; Pred. No. 1;  
 Matches 59; Conservative 29; Mismatches 90; Indels 116; Gaps 12;

QY 26 FASLFPPLCHAIYGECHRLYPDQNPLOVTAIVKYLWGGPDLDYVSMYRNV-----GS 79  
 Db 72 YAAMLPAIAICLWSSR-----YLVSGPTAISVLLFSVAPLAPLGS 114  
 QY 80 PS-----ANIPDHMYISF----- 93  
 Db 115 PQYQAVILLTFLAGAFQWLLGLVRLVGLSVNFSVWMLGFTLGAALLIVLGLPVLGL 174  
 QY 94 -----GLSDLYGDNVRHEFTGTDPS-----GFGFELTRLKRTGESAPTWPAEL--MQ 142  
 Db 175 AASGEAAPGNGWELLARFAEFDFGSLVGVGFGFALSLLVR-----LRPRWALLLGLL 229  
 QY 143 GLARYVFOSENTFCGSHV-----SWHSPLDNSRSRQHMLLTEDPQMPQVQTP--- 191  
 Db 230 GGATLWALPCTFASVAHVQALSSALPGWNPFLVDSRIL-----DLLPAVACGM 280  
 QY 192 FGVVTFQIVGVCT-----EELHSAQWNGGQILELLRTVFIAGGPMILITDMRGG 241  
 Db 281 LGLVTSLSIARALAAARQDAFDAQNEVRAQGLSNLL-----GPMLSASLSAG 327

## RESULT 8

US-08-652-971-2  
 ; Sequence 2, Application US/08652971  
 ; Patent No. 5614507  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cheng, Jill  
 ; APPLICANT: Lasky, Laurence A.  
 ; TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE  
 ; TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA  
 ; NUMBER OF SEQUENCES: 10

; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Genentech, Inc.  
 ; STREET: 460 Point San Bruno Blvd.  
 ; CITY: South San Francisco  
 ; STATE: California  
 ; COUNTRY: United States  
 ; ZIP: 94080  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/652,971  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Dreger, Ginger R.  
 ; REGISTRATION NUMBER: 33,055  
 ; REFERENCE/DOCKET NUMBER: P1033  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 225-3216  
 ; TELEFAX: (415) 952-9881  
 ; TELEFAX: 910 371-7168  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 1436 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-652-971-2  
 Query Match 4.2%; Score 98.5; DB 2; Length 1436;  
 Best Local Similarity 19.4%; Pred. No. 5;  
 Matches 109; Conservative 64; Mismatches 167; Indels 221; Gaps 29;  
 QY 46 PDQNPLOVTAIVKYLWGGPDLDYVSMYRNVGS--PSANIP-----EHHYIS 92  
 Db 510 PQEPNGL-----ITQVEIS-----YQSISSDPAVNVGPRRTISKLRNETHVFS 555  
 QY 93 -----FG--LSDLYGDNVRHEFTGTDPSGFG----- 117  
 Db 556 NLHPOTTYLFSVRATSKGFGAALTEITNISAPSDYADMPSPGSENIITVLLRPA 615  
 QY 118 -----FELTFELKEETGE-----SAPTPWPAELMOGLARYVQSE----- 152  
 Db 616 QGRGAPISVYQVVEEERPRELRREPGAQDCFSVPLTFETALARGLVHY-FGAELAASSL 674  
 QY 153 ---NTFCSDHVS-----WHSPLD-----NSESRIQHMLLTEDPQMPQVQT 190  
 Db 675 LEAMPFTYVDNQTYRGFWNPPEPRKAYLIYFOASHLKGTRLCIRIARAKACKESKR 734  
 QY 191 PFGVTFEQ-----IVGVCTEELHSAQWNGGQILELLRTVFIAGGPMILITDMRGETI-- 244  
 Db 735 PLEVSQRSEENGLIGICA-----GGLAVLILLGA-----IIVIRKGPVNM 778  
 QY 245 -----FEIDPHLQERVDKGIETDGNLS-----GVSACAWDDLSRPDEDDSDS-- 289  
 Db 779 TKATVYRQERTHMSAVDRSF-TDQSTLQEDERLGLS---FMDAPGYSRPGQORSQGV 834  
 QY 289 -RSICIGTQPRRLSGK-----DTEQIRETLRGLRLEINSKPVLPPINPQR-QNGLAHR-- 339  
 Db 835 EASSLLGSPRPPCRKSGSPYHTQLHPAVR-----VADLLQHINQMKTAEVGFQKEY 888  
 QY 340 -----APSRKDSLESDSSTAIIPH-----ELIRTRQLESVHLKFN- 374  
 Db 889 ESFFEGWDATKKKGLKGRQEPVSAVDRHHVHLKPLMLADPDADYISANVIGDYHRSNH 948  
 QY 375 -----QESGALIPCLLR-----GELLHGRHFTYKS-ITGDVAITFVS 410  
 Db 949 IATQPKPEMIYDFWRVMVWQEQCASIVNITKLVEVGRKCSRYWPFEDSDMYGDIKITLVK 1008  
 QY 411 TG-----VEGAFATEEHPYAA 426

QY	245	-----FEIDPHLQERVDKGIETDGSNLS-----GVSACAKWDLLSRPDEDEDS-----268
DB	779	TKATVNYEQEKTHMMSAVDSF-TDQSTLQEDERLGLS-----FMDAPGYSPRGQRGGVT 834
QY	289	RSICIGTQPRRLSGK-----DTEQIBETLRRGLEINSKFLVLPINPQR-QNGLAHDR-- 339
DB	835	BASSILGGSPRRPCGRKGSPVHTGQLHPAVR-----VADLLQHINQMKTAEYGFQKQY 888
QY	340	-----APSKOSLESDDSTALIPH-----ELIPRQLESVHLKFN- 374
DB	889	ESFFEGWDATKKKDLKGRQEPVSAYDRHHVKLHPLADPDADYISANVIDGYHRSNHF 948
QY	375	-----QESGALIPLCLR-----GRLLHGRHPTKYS-ITGDMAITFVS 410
DB	949	IATQPKEMTYDFWRWVWQCCASIVMYIKLVEVGKVCRSYWPEDSDYVGIKITLVK 1008
QY	411	TG-----VEGAPATEEHPYAA 426
DB	1009	TETLAEYVVRTFALERRGYS 1029
<p>RESULT 10</p> <p>US-08-769-399-2</p> <p>; Sequence 2, Application US/08769399</p> <p>; Patent No. 5976852</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Cheng, Jill</p> <p>; APPLICANT: Lasky, Laurence A.</p> <p>; TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE</p> <p>; TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA</p> <p>; NUMBER OF SEQUENCES: 10</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: Genentech, Inc.</p> <p>; STREET: 460 Point San Bruno Blvd.</p> <p>; CITY: South San Francisco</p> <p>; STATE: California</p> <p>; COUNTRY: United States</p> <p>; ZIP: 94080</p> <p>; COMPUTER READABLE FORM:</p> <p>; MEDIUM TYPE: Floppy disk</p> <p>; COMPUTER: IBM PC compatible</p> <p>; OPERATING SYSTEM: PC-DOS/MS-DOS</p> <p>; SOFTWARE: Patent In Release #1.0, Version #1.30</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: US/08/769.399</p> <p>; FILING DATE:</p> <p>; CLASSIFICATION: 435</p> <p>; ATTORNEY/AGENT INFORMATION:</p> <p>; NAME: Dreger, Ginger R.</p> <p>; REGISTRATION NUMBER: 33,055</p> <p>; REFERENCE/DOCKET NUMBER: P1033</p> <p>; TELECOMMUNICATION INFORMATION:</p> <p>; TELEPHONE: (415) 225-3216</p> <p>; TELEFAX: (415) 952-9881</p> <p>; TELEX: 910 371-7168</p> <p>; INFORMATION FOR SEQ ID NO: 2:</p> <p>; SEQUENCE CHARACTERISTICS:</p> <p>; LENGTH: 1436 amino acids</p> <p>; TYPE: amino acid</p> <p>; TOPOLOGY: linear</p> <p>; MOLECULE TYPE: protein</p> <p>US-08-769-399-2</p>		
<p>Query Match 4.2%; Score 98.5; DB 2; Length 1436;</p> <p>Best Local Similarity 19.4%; Pred. No. 5;</p> <p>Matches 109; Conservative 64; Mismatches 167; Indels 221; Gaps 29;</p>		
QY	46	PDQNPLOVTAIVKYLWGGPDLDYVSMYRNVGS--PSANIP-----EHWYIS 92
DB	510	POEPNGL-----ITQYEIS-----YQSISSDPVAVNPGPRTTISKLNETHYVFS 555
QY	93	-----FG-----LSDLYGDNVRHFTGTDPGSGFG-----117
DB	556	NLHPGTYLPSVRATSKGQQAALTEITNISAPSFYADWPSPGISENTITVLLRPA 615
QY	118	-----FELTFLKRETE-----SAPETWPAELMQGLARYVFOSE-----152
DB	616	QGRGAP-SVYQVVVEERPERLRAREPGAQDCFSVPLTFETALARGLVHY-FGAELAASL 674
QY	153	---NTECSGHVS---WHSPLD-----NSESRIQHMLLTEDPQMPQVCT 190
DB	675	LEAMPFTVGONTVRGFWNPPLPRKAYLIYFOAASHLKGKTEKNCIRIARKAACKSKR 734
QY	191	PFVVVTELO-----IVGVCTBELSAQWQCGGILELLRTVPIAGGFWLITDMRGETI-- 244
DB	735	PLEVSRSEENGILLGICA-----GGLAVLILLGA-----IIVIRKKGKPVNM 778

Db 556 NLHPGTTTLFVSRARTSKGFGQAALTEITTNISAPSDYADMPSPGLGESENITVLLRPA 615  
 QY 118 -----FELTFLKRETGE-----SAPPTWPAELMOGLARYVFOSE----- 152  
 Db 616 QRGAPISVYQVVVEERPRRLRREPAGQDCFSVPLTFETALARGLVHY-FGAELAASSL 674  
 QY 153 ---NTFCSDHVS-----WHSPLD-----NSESRIQHMLLTEDPQMOPVQT 190  
 Db 675 LEAMPFTVGDQTVRGFWNPPLPRKAYLIYFQAASHLKGETRLNCIRIARAKACKESKR 734  
 QY 191 PFGVVTFLQ-----IVGVCTEELHSAQWNGQIIELELRTVPIAGCPWLIITDMRGETI-- 244  
 Db 735 PLEVSQRSEENGLILGICA-----GGLAVILLGLA-----IIVIRKGPVNM 778  
 QY 245 -----FEIDPHLOQERVDKGIETDGSNLS-----GVSACAWDDLGRPPDEDEDS-- 288  
 Db 779 TKATVNYRQEKTHMMSAVDRSF-TDQSTLQEDERLGLS---FMDAPGYSRGRDORSQGV 834  
 QY 289 -RSICIGTQPRRLSGK-----DTEQIRETLRGLGINSKPVLPINPQR-ONGLAHDR-- 339  
 Db 835 BASLLGSPRPRCGKSPYHTQLHPAVR-----VADLLQHINQMKTAEYGFQOEY 888  
 QY 340 -----APSRKDSLESDSSTAIPH-----ELIRTOLESVHLKFN- 374  
 Db 889 ESFPEGWDATKKDKLKGROEPVSAYDRHHVHLKPLMLADPDADYISANYIDGYHRSNHF 948  
 QY 375 -----QESGALIPLCUR-----GRLLHGRHFTYKS-ITGDMAITFVS 410  
 Db 949 IATQPKPEMIYDFRMVWVWQCCASIVMITKLVEGVRKCSRYWPEDSDMYGDIKITLVK 1008  
 QY 411 TG-----VEGAFATEEHPYAA 426  
 Db 1009 TETLAAYVVRTFALERRGYSA 1029

## RESULT 11

US-08-991-953A-2  
 ; Sequence 2, Application US/08991953A  
 ; Patent No. 6083748  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cheng, Jill  
 ; APPLICANT: Lasky, Laurence A.  
 ; TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE  
 ; TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA  
 ; NUMBER OF SEQUENCES: 10  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT, LLP  
 ; STREET: 4 Embarcadero Center, Suite 3400  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: United States  
 ; ZIP: 94111  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/991,953A  
 ; FILING DATE: 16-DEC-1997  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/652,971  
 ; FILING DATE: 24-MAY-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Dreger, Walter H.  
 ; REGISTRATION NUMBER: 24,190  
 ; REFERENCE/DOCKET NUMBER: A-63478-3/WH/D/MTK  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 781-1989  
 ; TELEFAX: (415) 398-3249  
 ; TELEX:  
 ; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 1436 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-991-953A-2

Query Match 4.2%; Score 98.5; DB 3; Length 1436;  
 Best Local Similarity 19.4%; Pred No. 5;  
 Matches 109; Conservative 64; Mismatches 167; Indels 221; Gaps 29;  
 QY 46 PQQNPQLQVTAIKYKWLGGPDLDYVSMYRVGS--PSANIP-----EHWYIS 92  
 Db 510 PQEPNGL-----ITQVEIS-----YQSTESSDPAVNVGPRRTISKLRNETHYVFS 555  
 QY 93 -----FG-----LSDLYGDNVRHFTGTDCPSGFG----- 117  
 Db 556 NLHPGTTTLFVSRARTSKGFGQAALTEITTNISAPSDYADMPSPGLGESENITVLLRPA 615  
 QY 118 -----FELTFLKRETGE-----SAPPTWPAELMOGLARYVFOSE----- 152  
 Db 616 QRGAPISVYQVVVEERPRRLRREPAGQDCFSVPLTFETALARGLVHY-FGAELAASSL 674  
 QY 153 ---NTFCSDHVS-----WHSPLD-----NSESRIQHMLLTEDPQMOPVQT 190  
 Db 675 LEAMPFTVGDQTVRGFWNPPLPRKAYLIYFQAASHLKGETRLNCIRIARAKACKESKR 734  
 QY 191 PFGVVTFLQ-----IVGVCTEELHSAQWNGQIIELELRTVPIAGCPWLIITDMRGETI-- 244  
 Db 735 PLEVSQRSEENGLILGICA-----GGLAVILLGLA-----IIVIRKGPVNM 778  
 QY 245 -----FEIDPHLOQERVDKGIETDGSNLS-----GVSACAWDDLGRPPDEDEDS-- 288  
 Db 779 TKATVNYRQEKTHMMSAVDRSF-TDQSTLQEDERLGLS---FMDAPGYSRGRDORSQGV 834  
 QY 289 -RSICIGTQPRRLSGK-----DTEQIRETLRGLGINSKPVLPINPQR-ONGLAHDR-- 339  
 Db 835 BASLLGSPRPRCGKSPYHTQLHPAVR-----VADLLQHINQMKTAEYGFQOEY 888  
 QY 340 -----APSRKDSLESDSSTAIPH-----ELIRTOLESVHLKFN- 374  
 Db 889 ESFPEGWDATKKDKLKGROEPVSAYDRHHVHLKPLMLADPDADYISANYIDGYHRSNHF 948  
 QY 375 -----QESGALIPLCUR-----GRLLHGRHFTYKS-ITGDMAITFVS 410  
 Db 949 IATQPKPEMIYDFRMVWVWQCCASIVMITKLVEGVRKCSRYWPEDSDMYGDIKITLVK 1008  
 QY 411 TG-----VEGAFATEEHPYAA 426  
 Db 1009 TETLAAYVVRTFALERRGYSA 1029

## RESULT 12

US-08-946-914-14  
 ; Sequence 14, Application US/08946914  
 ; Patent No. 6027916  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ni, Jian  
 ; APPLICANT: Gentz, Reiner L.  
 ; APPLICANT: Ruben, Steven M.  
 ; TITLE OF INVENTION: Galectin 8, 9, 10 and 10SV  
 ; NUMBER OF SEQUENCES: 60  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Sterne, Kessler, Goldstein, & Fox P.L.L.C.  
 ; STREET: 1100 New York Ave., Suite 600  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20005-3934  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

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Db      126  LTVPYDMP1GGVMPRMLTIIGTV-KPNAN 155

RESULT 14
US-08-483-533-41
; Sequence 41, Application US/08483533
; Patent No. 6172047
; GENERAL INFORMATION:
; APPLICANT: Roizman, Bernard
; APPLICANT: Chou, Joany
; TITLE OF INVENTION: Method for Treating Tumorigenic
; TITLE OF INVENTION: Method for Treating Tumorigenic
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,533
; FILING DATE: 07-MAR-95
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/419,853
; FILING DATE: 11-APR-95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/861,233
; FILING DATE: 31-MAR-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, James P.
; REGISTRATION NUMBER: 28,491
; REFERENCE/DOCKET NUMBER: 28097/32742
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-483-533-41

Query Match      4.2%; Score 97.5; DB 3; Length 355;
Best Local Similarity 20.7%; Pred. No. 0.79;
Matches 70; Conservative 18; Mismatches 115; Indels 135; Gaps 12;

QY      3  ELRPSGA---PCP-----TAPPAPGTPAPAFASLFPF-----GLHA 36
Db      93  EARPATAARPPGPHRAWARGALTFPTP-PRAPSAFRASPSACASPRSTWRACADA 151
QY      37  IYGECLRYPDQGNP-----LQVTAIVKYLWGGDPDLDYVSYRNVGSPSA 82
Db      152  RAGRGSRSPRP RP RP RP RP RP RP RP RP RP RP RP RP RP RP RP RP 208
QY      83  NIEHWHYISFGLSDIYGDNRVHFEFTGDCPSFGFELTFLKRETCESA-----PPTW 136
Db      209  -----GFTGLSGAGWRPRRPSGRWAGRPVPGPW 239
QY      137  PSLMQLGARYVFOSENTFCSGDHVSWHSPLDNSESIQHMLLTDPQMPVPTPFGVVT 196
Db      240  PAF-----PARTRSNV-----TPEAAWV 258
QY      197  FLQIVGVCTEELHSAQWNCQGILELLRTVPIAGGP-----WLITDWRG-----ETI 244

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: November 22, 2004, 00:23:08 ; Search time 119.751 Seconds  
(without alignments)  
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Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:\*

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- 2: /cgn2\_6/ptodata/1/ina/5B-COMB.seq:\*
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- 4: /cgn2\_6/ptodata/1/ina/5B-COMB.seq:\*
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- 6: /cgn2\_6/ptodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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2	1291.6	99.4	2239	4	US-09-581-831-1
3	42.8	3.3	700	3	US-09-236-097-7
4	41.6	3.2	7218	1	US-08-232-463-14
5	40.6	3.1	468	4	US-09-252-991A-5831
6	40.6	3.1	843	4	US-09-252-991A-5814
7	40.6	3.1	1125	4	US-09-252-991A-5854
8	40.6	3.1	1236	4	US-09-252-991A-5874
9	40.6	3.1	1338	4	US-09-252-991A-5797
10	40.6	3.1	1611	4	US-09-252-991A-5778
11	40.2	3.1	774	3	US-08-415-655-11
12	40	3.1	1420	3	US-08-358-171-1
13	40	3.1	1420	3	US-09-090-947-1
14	40	3.1	8438	1	US-07-945-283-1
15	39.6	3.0	4362	2	US-08-455-073A-1
16	39.4	3.0	152331	3	US-09-128-155-16
17	39	3.0	2888	3	US-08-765-907A-1
18	39	3.0	30001	1	US-08-125-468-1
19	39	3.0	30001	2	US-08-474-933-1
20	38.6	3.0	1287	4	US-09-489-039A-6998
21	38.6	3.0	1737	4	US-09-489-039A-6926
22	38.4	3.0	319	3	US-09-165-264-8
23	38.2	2.9	7218	1	US-08-232-463-14
24	37.8	2.9	444	4	US-09-252-991A-9365
25	37.8	2.9	711	4	US-09-252-991A-9409
26	37.8	2.9	843	4	US-09-252-991A-9338
27	37.8	2.9	865	4	US-09-270-767-11042

28	37.8	2.9	1272	4	US-09-252-991A-9437	Sequence 9437, Ap
29	37.8	2.9	1557	4	US-09-252-991A-9396	Sequence 9396, Ap
30	37.6	2.9	2465	5	PCT-US92-08090-1	Sequence 1, Appli
31	37.4	2.9	320	3	US-09-165-264-7	Sequence 7, Appli
32	37.2	2.9	915	4	US-09-252-991A-1711	Sequence 1711, Ap
33	37.2	2.9	1002	4	US-09-252-991A-1860	Sequence 1860, Ap
34	37	2.8	320	3	US-09-165-264-14	Sequence 14, Appl
35	36.8	2.8	645	4	US-09-535-008-30	Sequence 30, Appl
36	36.8	2.8	2094	4	US-09-498-557-21	Sequence 21, Appl
37	36.6	2.8	342	3	US-09-220-528-6	Sequence 6, Appli
38	36.6	2.8	342	3	US-09-220-528-9	Sequence 9, Appli
39	36.6	2.8	351	3	US-09-220-528-7	Sequence 7, Appli
40	36.6	2.8	351	3	US-09-220-528-10	Sequence 10, Appl
41	36.6	2.8	423	3	US-09-220-528-8	Sequence 8, Appli
42	36.6	2.8	423	3	US-09-220-528-11	Sequence 11, Appl
43	36.6	2.8	546	3	US-09-220-528-42	Sequence 42, Appl
44	36.6	2.8	663	3	US-09-220-528-24	Sequence 24, Appl
45	36.6	2.8	663	3	US-09-220-528-25	Sequence 25, Appl

#### ALIGNMENTS

RESULT 1

US-10-140-002-5

; Sequence 5, Application US/10140002

; Patent No. 6725730

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C59

; CURRENT APPLICATION NUMBER: US/10/140,002

; CURRENT FILING DATE: 2002-05-06

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 5

; LENGTH: 1760

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-140-002-5

Query Match 100.0%; Score 1299; DB 4; Length 1760;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGCGAGCTGGCGCTAGCGGCCCCCGGCCCCCGGCCCCCGGCCCCCGGCCCCCGGCCCCG 60

DB 74 ATGGCGAGCTGGCGCTAGCGGCCCCCGGCCCCCGGCCCCCGGCCCCCGGCCCCCGGCCCCG 133

QY 61 ACTCCCCCGGCGCTTCGCTCTTTCCCGGAGCTGCACGCGCATCTACGAGAG 120

DB 134 ACTGCCCGCGGCGCTTCGCTCTTTCCCGGAGCTGCACGCGCATCTACGAGAG 193

QY 121 TGGCGCGCGCTTTTACCTGTACCGCGAACCCCGCTCAGGTTACCGGTATCGTCAAGTAC 180

DB 194 TGGCGCGCGCTTTTACCTGTACCGCGAACCCCGCTCAGGTTACCGGTATCGTCAAGTAC 253

181 TGGTTGGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGGCCCT 240  
Db  
254 TGGTTGGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGGCCCT 313  
QY  
241 TGTGTAACATCCCGAGGACTGGCACTACATCAGCTTGGGCTGAGTGATCTCTATGGT 300  
Db  
314 TGTGTAACATCCCGAGGACTGGCACTACATCAGCTTGGGCTGAGTGATCTCTATGGT 373  
QY  
301 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGACCTAGTGGTTTGGGTTTGGATTG 360  
Db  
374 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGACCTAGTGGTTTGGGTTTGGATTG 433  
QY  
361 ACCTTTGCTGTAAGAGAGAACTGGGAGTGTGCCCCACCAACATAGGCCCGCAGAGTTA 420  
Db  
434 ACCTTTGCTGTAAGAGAGAACTGGGAGTGTGCCCCACCAACATAGGCCCGCAGAGTTA 493  
QY  
421 ATGCAGGCTTGGCAGGATACGTGTTCCAGTCAGAGAACACCTTCTGAGTGGGACCAT 480  
Db  
494 ATGCAGGCTTGGCAGGATACGTGTTCCAGTCAGAGAACACCTTCTGAGTGGGACCAT 553  
QY  
481 GTGTCTGGCAGACGCCCTTTGGATTAACAGTGAAGTCAAGAAATTCAGCACTCTCTGACA 540  
Db  
554 GTGTCTGGCAGACGCCCTTTGGATTAACAGTGAAGTCAAGAAATTCAGCACTCTCTGACA 613  
QY  
541 GAGGACCCACAGATGACGCCCTGTGAGACACCTTTGGGTAGTTACCTTCTCCAGATC 600  
Db  
614 GAGGACCCACAGATGACGCCCTGTGAGACACCTTTGGGTAGTTACCTTCTCCAGATC 673  
QY  
601 GTGTGTCTGCACTGAAGAGCTACACTCAGCCAGCAGTGGAAACGGGAGGCGATCCTG 660  
Db  
674 GTGTGTCTGCACTGAAGAGCTACACTCAGCCAGCAGTGGAAACGGGAGGCGATCCTG 733  
QY  
661 GAGCTGCTGGGACAGTGCCTATTGCTGGGCGCCCTGGCTGATTAACAGTCACTGGGAGG 720  
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734 GAGCTGCTGGGACAGTGCCTATTGCTGGGCGCCCTGGCTGATTAACAGTCACTGGGAGG 793  
QY  
721 GGAGAGACCATATTGAGATCGATCCACCTGCAAGAGAGAGTTGCAAAAGGATCGAG 780  
Db  
794 GGAGAGACCATATTGAGATCGATCCACCTGCAAGAGAGAGTTGCAAAAGGATCGAG 853  
QY  
781 ACAGATGGCTCAACCTGAGTGGTGTAGTGCAGTGTGCTGGGATGACCTGAGCGCG 840  
Db  
854 ACAGATGGCTCAACCTGAGTGGTGTAGTGCAGTGTGCTGGGATGACCTGAGCGCG 913  
QY  
841 CCCCCGAGGATGACGAGGACAGCGGAGCATCTGCATCGGCACACAGCCCGGCGACTC 900  
Db  
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901 TGTGCAAAAGACACAGAGCAGATCGGGAGACCTTGAGGAGAGACTCGAGATCAACAGC 960  
Db  
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961 AAACCTGCTTCCACCAATCAACCTCAGCGGAGATGCGCTCGCCCGACGCGCGGCC 1020  
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Db  
1154 ATTGCGACGGGAGCTTGAAGGATGATCATCTGAAATTCACAGGAGTCCGGAGGCCCTC 1213  
QY  
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## RESULT 2

US-09-581-831-1  
; Sequence 1, Application US/09581831  
; Patent No. 6448020  
; GENERAL INFORMATION:  
; APPLICANT: TOFTGARD, RUNE  
; APPLICANT: ZAPHIROPOULOS, PETER G.  
; APPLICANT: KOGERMAN, ERITT  
; APPLICANT: GRIMM, THOMAS  
; TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED  
; FILE REFERENCE: 50695-60568  
; CURRENT APPLICATION NUMBER: US/09/581,831  
; PRIOR FILING DATE: 2000-08-21  
; PRIOR APPLICATION NUMBER: PCT/SE98/02383  
; PRIOR FILING DATE: 1998-12-18  
; PRIOR APPLICATION NUMBER: 9704788-0  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 9802293-2  
; PRIOR FILING DATE: 1998-06-26  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 2239  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (167)...(1618)  
US-09-581-831-1

Query Match 99.4%; Score 1291.6; DB 4; Length 2239;  
Best Local Similarity 99.7%; Pred. No. 0;  
Matches 1294; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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Db 467 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGAGACCTAGTGGTTTGGGCTTTGAGTTG 526  
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Db 587 ATGCAGGCTTGGCAGAGTACGTGTTCCAGTCAAGAAACACCTTCTGAGTGGGAGGCCAT 646  
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Qy 661 GAGTGTCTGCGACAGTGCCTATTGCTGGCGGCCCTGCTGATTAACATGACATGCGGAG 720
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## RESULT 3

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US-09-236-097-7/c
; Sequence 7, Application US/09236097
; Patent No. 6335165
; GENERAL INFORMATION:
; APPLICANT: NIR NAVOT ET AL
; TITLE OF INVENTION: METHODS AND KITS FOR CHARACTERIZING GC
; TITLE OF INVENTION: -RICH NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead*, Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; SOFTWARE: Word for Windows version 3.11
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/236,097
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 128/33
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 700
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-09-236-097-7

Query Match 3.3%; Score 42.8; DB 3; Length 700;
Best Local Similarity 55.3%; Pred. No. 0.023;
Matches 83; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

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Qy 125 GCGGCTTTACCTTGACCGCGAACCCTG 154
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RESULT 4
US-08-232-463-14/c
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
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(without alignments)  
1043.111 Million cell updates/sec

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Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 1570615

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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  - 20: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 6, Appli	44	2334	100.0	433	14	US-10-131-837A-6
Sequence 6, Appli	45	2334	100.0	433	14	US-10-137-872A-6

ALIGNMENTS

RESULT 1  
US-10-028-072-6  
; Sequence 6, Application US/10028072  
; Publication No. US20030004311A1

- GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin X  
; APPLICANT: Wood, William  
; APPLICANT: Zhang  
; TITLE OF INVENTION:  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/028,072  
; CURRENT FILING DATE: 2001-12-19  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17

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DNA 33455-1548

PRIOR APPLICATION NUMBER: 60/059122  
 PRIOR FILING DATE: 1997-09-17  
 PRIOR APPLICATION NUMBER: 60/059184  
 PRIOR FILING DATE: 1997-09-17  
 PRIOR APPLICATION NUMBER: 60/059263  
 PRIOR FILING DATE: 1997-09-18  
 PRIOR APPLICATION NUMBER: 60/059352  
 PRIOR FILING DATE: 1997-09-19  
 PRIOR APPLICATION NUMBER: 60/059588  
 PRIOR FILING DATE: 1997-09-19  
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 PRIOR FILING DATE: 1997-10-17  
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 PRIOR FILING DATE: 1997-12-11  
 PRIOR APPLICATION NUMBER: 60/069694  
 PRIOR FILING DATE: 1997-12-16  
 PRIOR APPLICATION NUMBER: 60/072320  
 PRIOR FILING DATE: 1998-01-23  
 PRIOR APPLICATION NUMBER: 60/073612

APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C182  
CURRENT APPLICATION NUMBER: US/10/140,808  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-808-6

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Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 1 MAELRPSGAPGTAPPAGGTAPPAPASLPPGLHAIYGECCRLYPDQPNLQVTAIVKY 60  
QY 61 WLGGDPDLVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGPGSGFEL 120  
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DB 361 IRTQLESVHLKFNQESGALIPLCRLGRLLHGRHFTYKSTGDMATTFVSTGVEGAFATE 420  
QY 421 EHPYAAHGPWLQ 433  
DB 421 EHPYAAHGPWLQ 433

RESULT 2  
US-10-140-808-6  
Sequence 6, Application US/10140808  
Publication No. US20030017563A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C182  
CURRENT APPLICATION NUMBER: US/10/140,808  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-808-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAELRPSGAPGTAPPAGGTAPPAPASLPPGLHAIYGECCRLYPDQPNLQVTAIVKY 60  
DB 1 MAELRPSGAPGTAPPAGGTAPPAPASLPPGLHAIYGECCRLYPDQPNLQVTAIVKY 60  
QY 61 WLGGDPDLVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGPGSGFEL 120  
DB 61 WLGGDPDLVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGPGSGFEL 120  
QY 121 TFLRKRTGESAPPTPAELMQLARYVFOSENTFCSGDHVSHWSPDLSNSESRIQHMLLT 180  
DB 121 TFLRKRTGESAPPTPAELMQLARYVFOSENTFCSGDHVSHWSPDLSNSESRIQHMLLT 180  
QY 181 EDPQMPVQTPFGVTFLOIVGVCTEELHSAQWNGQILELLRTPVAGGFWLITDMRR 240  
DB 181 EDPQMPVQTPFGVTFLOIVGVCTEELHSAQWNGQILELLRTPVAGGFWLITDMRR 240  
QY 241 GETTIFDHLQERVDKGIETDGSNLGVSASAKAWDDLSRPDEDDSDRSICIGTPRRL 300  
DB 241 GETTIFDHLQERVDKGIETDGSNLGVSASAKAWDDLSRPDEDDSDRSICIGTPRRL 300  
QY 301 SGKDTQIRRTLARGLEINSKVPVLPINPQONGLAHDRAPSKDSLESSTAIIPHEL 360  
DB 301 SGKDTQIRRTLARGLEINSKVPVLPINPQONGLAHDRAPSKDSLESSTAIIPHEL 360  
QY 361 IRTQLESVHLKFNQESGALIPLCRLGRLLHGRHFTYKSTGDMATTFVSTGVEGAFATE 420  
DB 361 IRTQLESVHLKFNQESGALIPLCRLGRLLHGRHFTYKSTGDMATTFVSTGVEGAFATE 420  
QY 421 EHPYAAHGPWLQ 433  
DB 421 EHPYAAHGPWLQ 433

RESULT 3  
US-10-121-049-6  
Sequence 6, Application US/10121049  
Publication No. US2003002239A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven

; APPLICANT: Smith,Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C17  
 ; CURRENT APPLICATION NUMBER: US/10/121,049  
 ; CURRENT FILING DATE: 2003-04-12  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 6  
 ; LENGTH: 433  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-121-049-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
 Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
 Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAELRPSGAGPTAPAPGPTAPPAPFASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY	60
Db	1	MAELRPSGAGPTAPAPGPTAPPAPFASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY	60
QY	61	WLGGPDPDLYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFGFEL	120
Db	61	WLGGPDPDLYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFGFEL	120
QY	121	TPRLKRETESAPPTWPAELMOGLARYVQSENTFCSDGHVSWHSPLDNSRSRIQHMLLT	180
Db	121	TPRLKRETESAPPTWPAELMOGLARYVQSENTFCSDGHVSWHSPLDNSRSRIQHMLLT	180
QY	181	EDPQMPQVTPFGVVTFLQIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR	240
Db	181	EDPQMPQVTPFGVVTFLQIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR	240
QY	241	GTTFEIDPHLQERVDKGIETDGSNLGVSACAWDDLSRPPEDEDSRSICIGTQPRRL	300
Db	241	GTTFEIDPHLQERVDKGIETDGSNLGVSACAWDDLSRPPEDEDSRSICIGTQPRRL	300
QY	301	SKKDEQIRETLRRGLEINSKPVLPPINPQONGLAHDRAPSKDSLESSTAIIPHEL	360
Db	301	SKKDEQIRETLRRGLEINSKPVLPPINPQONGLAHDRAPSKDSLESSTAIIPHEL	360
QY	361	INTRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMVITFVSTGVEGAPATE	420
Db	361	INTRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMVITFVSTGVEGAPATE	420
QY	421	EHPYAAHGFWLQ 433	
Db	421	EHPYAAHGFWLQ 433	

RESULT 4  
 US-10-123-904-6  
 ; Sequence 6, Application US/10123904  
 ; Publication No. US20030022328A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C54  
 ; CURRENT APPLICATION NUMBER: US/10/123,904  
 ; CURRENT FILING DATE: 2002-04-16  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 6  
 ; LENGTH: 433  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-123-904-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
 Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
 Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAELRPSGAGPTAPAPGPTAPPAPFASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY	60
Db	1	MAELRPSGAGPTAPAPGPTAPPAPFASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY	60
QY	61	WLGGPDPDLYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFGFEL	120
Db	61	WLGGPDPDLYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFGFEL	120
QY	121	TPRLKRETESAPPTWPAELMOGLARYVQSENTFCSDGHVSWHSPLDNSRSRIQHMLLT	180
Db	121	TPRLKRETESAPPTWPAELMOGLARYVQSENTFCSDGHVSWHSPLDNSRSRIQHMLLT	180
QY	181	EDPQMPQVTPFGVVTFLQIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR	240
Db	181	EDPQMPQVTPFGVVTFLQIVGVCTEELHSAQWNGQIGLELLRTVPIAGGPWLITDMRR	240
QY	241	GTTFEIDPHLQERVDKGIETDGSNLGVSACAWDDLSRPPEDEDSRSICIGTQPRRL	300
Db	241	GTTFEIDPHLQERVDKGIETDGSNLGVSACAWDDLSRPPEDEDSRSICIGTQPRRL	300
QY	301	SKKDEQIRETLRRGLEINSKPVLPPINPQONGLAHDRAPSKDSLESSTAIIPHEL	360
Db	301	SKKDEQIRETLRRGLEINSKPVLPPINPQONGLAHDRAPSKDSLESSTAIIPHEL	360
QY	361	INTRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMVITFVSTGVEGAPATE	420
Db	361	INTRQLESVHLKFNQESGALIPCLGRLLHGRHFTYKSIITGDMVITFVSTGVEGAPATE	420
QY	421	EHPYAAHGFWLQ 433	
Db	421	EHPYAAHGFWLQ 433	

RESULT 5  
 US-10-140-470-6  
 ; Sequence 6, Application US/10140470  
 ; Publication No. US20030022331A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas,Daniel  
APPLICANT: Watanabe,Colin K  
APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C160  
CURRENT APPLICATION NUMBER: US/10/140,470  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-470-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAELRPSGAPGTAPPAAGTAPPAFASLFPFGLHAIYGECCRLYPDQNPLOVTAIVKY 60  
Db 1 MAELRPSGAPGTAPPAAGTAPPAFASLFPFGLHAIYGECCRLYPDQNPLOVTAIVKY 60

Qy 61 WLGGPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGPGSGFGFEL 120  
Db 61 WLGGPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGPGSGFGFEL 120

Qy 121 TFLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSERIQHMLLT 180  
Db 121 TFLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSERIQHMLLT 180

Qy 181 EDPQMPQVPTPGVWTFVLIQVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240  
Db 181 EDPQMPQVPTPGVWTFVLIQVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240

Qy 241 GETIFEIDPHLQERVDKGIETDGSNLSGVSAKAWDDLSRPDEDDSDRSICIGTPRRL 300  
Db 241 GETIFEIDPHLQERVDKGIETDGSNLSGVSAKAWDDLSRPDEDDSDRSICIGTPRRL 300

Qy 301 SGKDTQIETRLRGLINSKPVLPINPQONGLAHDRAPSKDSLESSTAIIPHEL 360  
Db 301 SGKDTQIETRLRGLINSKPVLPINPQONGLAHDRAPSKDSLESSTAIIPHEL 360

Qy 361 ITRQLSVHLKFNQESGALIPLCLRGLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
Db 361 ITRQLSVHLKFNQESGALIPLCLRGLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420

Qy 421 EHPYAAHGPWLQL 433  
Db 421 EHPYAAHGPWLQL 433

RESULT 6  
US-10-175-746-6  
Sequence 6, Application US/10175746  
Publication No. US20030027270A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel

APPLICANT: Watanabe,Colin K  
APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C353  
CURRENT APPLICATION NUMBER: US/10/175,746  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-175-746-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAELRPSGAPGTAPPAAGTAPPAFASLFPFGLHAIYGECCRLYPDQNPLOVTAIVKY 60  
Db 1 MAELRPSGAPGTAPPAAGTAPPAFASLFPFGLHAIYGECCRLYPDQNPLOVTAIVKY 60

Qy 61 WLGGPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGPGSGFGFEL 120  
Db 61 WLGGPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGPGSGFGFEL 120

Qy 121 TFLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSERIQHMLLT 180  
Db 121 TFLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSERIQHMLLT 180

Qy 181 EDPQMPQVPTPGVWTFVLIQVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240  
Db 181 EDPQMPQVPTPGVWTFVLIQVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240

Qy 241 GETIFEIDPHLQERVDKGIETDGSNLSGVSAKAWDDLSRPDEDDSDRSICIGTPRRL 300  
Db 241 GETIFEIDPHLQERVDKGIETDGSNLSGVSAKAWDDLSRPDEDDSDRSICIGTPRRL 300

Qy 301 SGKDTQIETRLRGLINSKPVLPINPQONGLAHDRAPSKDSLESSTAIIPHEL 360  
Db 301 SGKDTQIETRLRGLINSKPVLPINPQONGLAHDRAPSKDSLESSTAIIPHEL 360

Qy 361 ITRQLSVHLKFNQESGALIPLCLRGLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
Db 361 ITRQLSVHLKFNQESGALIPLCLRGLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420

Qy 421 EHPYAAHGPWLQL 433  
Db 421 EHPYAAHGPWLQL 433

RESULT 7  
US-10-176-918-6  
Sequence 6, Application US/10176918  
Publication No. US20030027275A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C382  
 ; CURRENT APPLICATION NUMBER: US/10/176,918  
 ; CURRENT FILING DATE: 2002-06-20  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 6  
 ; LENGTH: 433  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-176-918-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
 Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
 Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAELRPSGAPGTTAPAGTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY	60
DB	1	MAELRPSGAPGTTAPAGTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY	60
QY	61	WLGPPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGPGSGFPEL	120
DB	61	WLGPPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGPGSGFPEL	120
QY	121	TFRLKRETESAPPTWPAELMOGLARYVFOSENTFCSDHVSHPDLSRSRIQHMLLT	180
DB	121	TFRLKRETESAPPTWPAELMOGLARYVFOSENTFCSDHVSHPDLSRSRIQHMLLT	180
QY	181	EDPQMPQVTPFGVVTFLQIVGCTEELHSAQWNGQGIPELLRTVPIAGGFWLITDMRR	240
DB	181	EDPQMPQVTPFGVVTFLQIVGCTEELHSAQWNGQGIPELLRTVPIAGGFWLITDMRR	240
QY	241	GETIFEIDPHLQERVYDKGIEITDGSNLGVSACAWDDLSRPEDDEDSRSICIGTQPRRL	300
DB	241	GETIFEIDPHLQERVYDKGIEITDGSNLGVSACAWDDLSRPEDDEDSRSICIGTQPRRL	300
QY	301	SGKDTQEIETRLRRGLEINSKPVLPINPQONGLAHRAAPSRKDSLESSTAIIPHEL	360
DB	301	SGKDTQEIETRLRRGLEINSKPVLPINPQONGLAHRAAPSRKDSLESSTAIIPHEL	360
QY	361	INTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMAITFVSTGVEGAPATE	420
DB	361	INTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMAITFVSTGVEGAPATE	420
QY	421	EHPYAAHGFWLQL	433
DB	421	EHPYAAHGFWLQL	433

RESULT 8  
 US-10-176-921-6  
 ; Sequence 6, Application US/10176921  
 ; Publication No. US20030027276A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C288  
 ; CURRENT APPLICATION NUMBER: US/10/176,921  
 ; CURRENT FILING DATE: 2002-06-20  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 6  
 ; LENGTH: 433  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-176-921-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
 Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
 Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAELRPSGAPGTTAPAGTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY	60
DB	1	MAELRPSGAPGTTAPAGTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY	60
QY	61	WLGPPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGPGSGFPEL	120
DB	61	WLGPPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGPGSGFPEL	120
QY	121	TFRLKRETESAPPTWPAELMOGLARYVFOSENTFCSDHVSHPDLSRSRIQHMLLT	180
DB	121	TFRLKRETESAPPTWPAELMOGLARYVFOSENTFCSDHVSHPDLSRSRIQHMLLT	180
QY	181	EDPQMPQVTPFGVVTFLQIVGCTEELHSAQWNGQGIPELLRTVPIAGGFWLITDMRR	240
DB	181	EDPQMPQVTPFGVVTFLQIVGCTEELHSAQWNGQGIPELLRTVPIAGGFWLITDMRR	240
QY	241	GETIFEIDPHLQERVYDKGIEITDGSNLGVSACAWDDLSRPEDDEDSRSICIGTQPRRL	300
DB	241	GETIFEIDPHLQERVYDKGIEITDGSNLGVSACAWDDLSRPEDDEDSRSICIGTQPRRL	300
QY	301	SGKDTQEIETRLRRGLEINSKPVLPINPQONGLAHRAAPSRKDSLESSTAIIPHEL	360
DB	301	SGKDTQEIETRLRRGLEINSKPVLPINPQONGLAHRAAPSRKDSLESSTAIIPHEL	360
QY	361	INTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMAITFVSTGVEGAPATE	420
DB	361	INTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMAITFVSTGVEGAPATE	420
QY	421	EHPYAAHGFWLQL	433
DB	421	EHPYAAHGFWLQL	433

RESULT 9  
 US-10-137-865-6  
 ; Sequence 6, Application US/10137865  
 ; Publication No. US20030032155A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-6

Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 3.8e-198;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAELRPSGAGPTAPPAGPTAPPASLFPPLGLHAIYGECCRLYPDPNPLQVTAIVKY 60
Db 1 MAELRPSGAGPTAPPAGPTAPPASLFPPLGLHAIYGECCRLYPDPNPLQVTAIVKY 60
Qy 61 WLGPPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGDPGSGFEL 120
Db 61 WLGPPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGDPGSGFEL 120
Qy 121 TFLRKRETSAPPTWPAELMQGLARYVFOSENTFCSDGHDVSWHSPLDNSESRIQHMLLT 180
Db 121 TFLRKRETSAPPTWPAELMQGLARYVFOSENTFCSDGHDVSWHSPLDNSESRIQHMLLT 180
Qy 181 EDPQMQPVQTPFGVTFLOIVGVCTEELHSAQWNGQILELLRTVPIAGGPWLITDMRR 240
Db 181 EDPQMQPVQTPFGVTFLOIVGVCTEELHSAQWNGQILELLRTVPIAGGPWLITDMRR 240
Qy 241 GETIFEIDPHLQERVDKGIETDGSNLGVSASAKCAMDLLSRPDEDDSDRSICIGTPRRL 300
Db 241 GETIFEIDPHLQERVDKGIETDGSNLGVSASAKCAMDLLSRPDEDDSDRSICIGTPRRL 300
Qy 301 SKQTEQIRETLRGLGINSKPVLPINPQONGLAHDRAPSRKDSLESSTAIIPHEL 360
Db 301 SKQTEQIRETLRGLGINSKPVLPINPQONGLAHDRAPSRKDSLESSTAIIPHEL 360
Qy 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Db 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Qy 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 10
US-10-140-474-6
; Sequence 6, Application US/10140474
; Publication No. US2003032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-474-6

Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 3.8e-198;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAELRPSGAGPTAPPAGPTAPPASLFPPLGLHAIYGECCRLYPDPNPLQVTAIVKY 60
Db 1 MAELRPSGAGPTAPPAGPTAPPASLFPPLGLHAIYGECCRLYPDPNPLQVTAIVKY 60
Qy 61 WLGPPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGDPGSGFEL 120
Db 61 WLGPPDPLDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGDPGSGFEL 120
Qy 121 TFLRKRETSAPPTWPAELMQGLARYVFOSENTFCSDGHDVSWHSPLDNSESRIQHMLLT 180
Db 121 TFLRKRETSAPPTWPAELMQGLARYVFOSENTFCSDGHDVSWHSPLDNSESRIQHMLLT 180
Qy 181 EDPQMQPVQTPFGVTFLOIVGVCTEELHSAQWNGQILELLRTVPIAGGPWLITDMRR 240
Db 181 EDPQMQPVQTPFGVTFLOIVGVCTEELHSAQWNGQILELLRTVPIAGGPWLITDMRR 240
Qy 241 GETIFEIDPHLQERVDKGIETDGSNLGVSASAKCAMDLLSRPDEDDSDRSICIGTPRRL 300
Db 241 GETIFEIDPHLQERVDKGIETDGSNLGVSASAKCAMDLLSRPDEDDSDRSICIGTPRRL 300
Qy 301 SKQTEQIRETLRGLGINSKPVLPINPQONGLAHDRAPSRKDSLESSTAIIPHEL 360
Db 301 SKQTEQIRETLRGLGINSKPVLPINPQONGLAHDRAPSRKDSLESSTAIIPHEL 360
Qy 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Db 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Qy 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 11
US-10-142-431-6
; Sequence 6, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C251  
CURRENT APPLICATION NUMBER: US/10/142,431  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-142-431-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPPAGPTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY 60  
Db 1 MAELRPSGAGPTAPPAGPTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY 60

QY 61 WLGDPDLDYVSMYRNVSPPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFPEL 120  
Db 61 WLGDPDLDYVSMYRNVSPPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFPEL 120

QY 121 TPLKRETESAPPTWPAELMOGLARYVQSENTPCSGDHVSWSPLDNSSRIQHMLLT 180  
Db 121 TPLKRETESAPPTWPAELMOGLARYVQSENTPCSGDHVSWSPLDNSSRIQHMLLT 180

QY 181 EDPQMPQVOTPGVVTFLQIVGVCTEELHSAQWNGQGLELLRTVPIAGGPWLITDMR 240  
Db 181 EDPQMPQVOTPGVVTFLQIVGVCTEELHSAQWNGQGLELLRTVPIAGGPWLITDMR 240

QY 241 GETIPEIDPHLQERVDKGIETDGSNLGVSASAKAWDDLSRPDEDDSDRSICIGTQPRRL 300  
Db 241 GETIPEIDPHLQERVDKGIETDGSNLGVSASAKAWDDLSRPDEDDSDRSICIGTQPRRL 300

QY 301 SKQTEQIRETLRRGLEINSKVLPPINPQONGLAHRAPSKDSLESSTAIIPHEL 360  
Db 301 SKQTEQIRETLRRGLEINSKVLPPINPQONGLAHRAPSKDSLESSTAIIPHEL 360

QY 361 INTRQLESVHLKFNEESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
Db 361 INTRQLESVHLKFNEESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420

QY 421 EHPYAAHGFWLQ 433  
Db 421 EHPYAAHGFWLQ 433

## RESULT 12

US-10-143-114-6  
Sequence 6, Application US/10143114  
Publication No. US20030036180A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C251

CURRENT APPLICATION NUMBER: US/10/143,114  
CURRENT FILING DATE: 2002-05-09  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-143-114-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPPAGPTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY 60  
Db 1 MAELRPSGAGPTAPPAGPTAPPAPASLFPPLGLHAIYGECCRLYPDQNPLOVTAIVKY 60

QY 61 WLGDPDLDYVSMYRNVSPPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFPEL 120  
Db 61 WLGDPDLDYVSMYRNVSPPSANIPEHWHYISFGLSDLYGDNRVHEFTGTGPGSGFPEL 120

QY 121 TPLKRETESAPPTWPAELMOGLARYVQSENTPCSGDHVSWSPLDNSSRIQHMLLT 180  
Db 121 TPLKRETESAPPTWPAELMOGLARYVQSENTPCSGDHVSWSPLDNSSRIQHMLLT 180

QY 181 EDPQMPQVOTPGVVTFLQIVGVCTEELHSAQWNGQGLELLRTVPIAGGPWLITDMR 240  
Db 181 EDPQMPQVOTPGVVTFLQIVGVCTEELHSAQWNGQGLELLRTVPIAGGPWLITDMR 240

QY 241 GETIPEIDPHLQERVDKGIETDGSNLGVSASAKAWDDLSRPDEDDSDRSICIGTQPRRL 300  
Db 241 GETIPEIDPHLQERVDKGIETDGSNLGVSASAKAWDDLSRPDEDDSDRSICIGTQPRRL 300

QY 301 SKQTEQIRETLRRGLEINSKVLPPINPQONGLAHRAPSKDSLESSTAIIPHEL 360  
Db 301 SKQTEQIRETLRRGLEINSKVLPPINPQONGLAHRAPSKDSLESSTAIIPHEL 360

QY 361 INTRQLESVHLKFNEESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420  
Db 361 INTRQLESVHLKFNEESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420

QY 421 EHPYAAHGFWLQ 433  
Db 421 EHPYAAHGFWLQ 433

## RESULT 13

US-10-140-002-6  
Sequence 6, Application US/10140002  
Publication No. US20030037623A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C59  
CURRENT APPLICATION NUMBER: US/10/140,002



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; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-002-6

Query Match      100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 3.8e-198;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAELRPSGAPGTAPAPGPTAPPAPASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY 60
Db 1 MAELRPSGAPGTAPAPGPTAPPAPASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY 60
Qy 61 WLGCPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGSPGFGFEL 120
Db 61 WLGCPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGSPGFGFEL 120
Qy 121 TPLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSESRIQHMLLT 180
Db 121 TPLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSESRIQHMLLT 180
Qy 181 EDQMPQVQTPGVVTFQIVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240
Db 181 EDQMPQVQTPGVVTFQIVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240
Qy 241 GETIFEIDPHLQERVDKGIETDGSNLGVSACAWDDLRSRPDEDDSDRSICIGTQPRRL 300
Db 241 GETIFEIDPHLQERVDKGIETDGSNLGVSACAWDDLRSRPDEDDSDRSICIGTQPRRL 300
Qy 301 SKDTEQIRETLRRGLEINSKVPILPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360
Db 301 SKDTEQIRETLRRGLEINSKVPILPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360
Qy 361 ITRQLESVHLKFNQESGALIPLCRLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Db 361 ITRQLESVHLKFNQESGALIPLCRLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Qy 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 14
US-10-142-419-6
; Sequence 6, Application US/10142419
; Publication No. US2003004945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper

; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-419-6

Query Match      100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 3.8e-198;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAELRPSGAPGTAPAPGPTAPPAPASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY 60
Db 1 MAELRPSGAPGTAPAPGPTAPPAPASLFPGLHAIYGECCRRLYPDQNPLOVTAIVKY 60
Qy 61 WLGCPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGSPGFGFEL 120
Db 61 WLGCPDPLDYVMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHFTGTGSPGFGFEL 120
Qy 121 TPLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSESRIQHMLLT 180
Db 121 TPLRKRETSAPPTWPAELMQLARYVFOSENTFCSDGHVSWHSPLDNSESRIQHMLLT 180
Qy 181 EDQMPQVQTPGVVTFQIVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240
Db 181 EDQMPQVQTPGVVTFQIVGVCTEELHSAQWNGQGLELLRTVPIAGGFWLITDMRR 240
Qy 241 GETIFEIDPHLQERVDKGIETDGSNLGVSACAWDDLRSRPDEDDSDRSICIGTQPRRL 300
Db 241 GETIFEIDPHLQERVDKGIETDGSNLGVSACAWDDLRSRPDEDDSDRSICIGTQPRRL 300
Qy 301 SKDTEQIRETLRRGLEINSKVPILPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360
Db 301 SKDTEQIRETLRRGLEINSKVPILPINPQONGLAHRAPSRKDSLESSTAIIPHEL 360
Qy 361 ITRQLESVHLKFNQESGALIPLCRLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Db 361 ITRQLESVHLKFNQESGALIPLCRLGRLLHGRHFTYKSIITGDMAITFVSTGVEGAFATE 420
Qy 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 15
US-10-123-262-6
; Sequence 6, Application US/10123262
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C38
; CURRENT APPLICATION NUMBER: US/10/123,262
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
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; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 6  
; LENGTH: 433  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-123-262-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Pred. No. 3.8e-198;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAELRPSGAPGTAPPAPGPTAPPAPASLFPPLGLHAIYGECCRLLYDQPNPLQVTAIVKY	60
Db	1	MAELRPSGAPGTAPPAPGPTAPPAPASLFPPLGLHAIYGECCRLLYDQPNPLQVTAIVKY	60
Qy	61	WLGGPDLDDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGSGGFGFEL	120
Db	61	WLGGPDLDDYVSMYRNVGSPSANIPEHWHYISFGLSDLYGDNRVHEFTGTDGSGGFGFEL	120
Qy	121	TPRLKRTGESAPPTWPAELMQGLARYVQSENTFCSGDHVSWHSPLDNSESRIQHMLLT	180
Db	121	TPRLKRTGESAPPTWPAELMQGLARYVQSENTFCSGDHVSWHSPLDNSESRIQHMLLT	180
Qy	181	EDPQMPVQTPFGVVTFLLQIVGVCTEELHSAQWNGQILELLRTVPIAGGPWLITDMRR	240
Db	181	EDPQMPVQTPFGVVTFLLQIVGVCTEELHSAQWNGQILELLRTVPIAGGPWLITDMRR	240
Qy	241	GETIFEIDPHLQERVDKGIETDGNLSCVSAKCAWDDLSRPPEDEDSRSICIGTQPRRL	300
Db	241	GETIFEIDPHLQERVDKGIETDGNLSCVSAKCAWDDLSRPPEDEDSRSICIGTQPRRL	300
Qy	301	SGKDEQIRETLRRGLEINSKXVLPPIPPQNGLAHADRAPSXRKDSLESSTAIIPHEL	360
Db	301	SGKDEQIRETLRRGLEINSKXVLPPIPPQNGLAHADRAPSXRKDSLESSTAIIPHEL	360
Qy	361	IRTRQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMAITFVSTGVEGAFATE	420
Db	361	IRTRQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMAITFVSTGVEGAFATE	420
Qy	421	EHFYAAGFWLQOL	433
Db	421	EHFYAAGFWLQOL	433

Search completed: November 21, 2004, 15:59:32  
Job time : 149 secs

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: November 22, 2004, 00:23:08 ; Search time 162.249 Seconds  
(without alignments)  
7710.295 Million cell updates/sec

Title: US-09-581-742B-1

Perfect score: 1760

Sequence: 1 cccgctgcccgcagtcgtct.....taagttgctgtgtggag 1760

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:\*

1: /cgn2\_6/prodata/1/ina/5A-COMB.seq:\*

2: /cgn2\_6/prodata/1/ina/5B-COMB.seq:\*

3: /cgn2\_6/prodata/1/ina/5A-COMB.seq:\*

4: /cgn2\_6/prodata/1/ina/5B-COMB.seq:\*

5: /cgn2\_6/prodata/1/ina/PTUS-COMB.seq:\*

6: /cgn2\_6/prodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1760	100.0	1760	4	US-10-140-002-5
2	1364.6	77.5	2239	4	US-09-581-831-1
3	55	3.1	7218	1	US-08-232-463-14
4	48.2	2.7	2561	4	US-09-616-289-48
5	48.2	2.7	152331	3	US-09-128-155-16
6	46.6	2.6	1614	4	US-09-616-289-45
7	46.6	2.6	12425	4	US-09-616-289-50
8	46.2	2.6	865	4	US-09-270-767-11042
9	46	2.6	320	3	US-09-165-264-13
10	45.4	2.6	3237	4	US-10-101-464A-858
11	45.2	2.6	320	3	US-09-165-264-11
12	45	2.6	319	3	US-09-165-264-8
13	44.8	2.5	320	3	US-09-165-264-7
14	44.6	2.5	320	3	US-09-165-264-14
15	44.4	2.5	318	3	US-09-165-264-12
16	43.2	2.5	4180	4	US-09-814-915A-93
17	43.2	2.5	12001	1	US-08-458-568A-11
18	42.8	2.4	700	3	US-09-236-097-7
19	41.6	2.4	2792	4	US-09-657-013-41
20	41.6	2.4	7218	1	US-08-232-463-14
21	41.2	2.3	774	3	US-08-415-655-11
22	41	2.3	1926	4	US-09-249-585A-2
23	41	2.3	1926	4	US-09-410-399-3
24	41	2.3	2580	3	US-09-050-863-2
25	41	2.3	2580	3	US-09-359-081-2
26	41	2.3	5452	2	US-09-130-114-1
27	41	2.3	5539	3	US-08-628-829-3

28	41	2.3	8705	4	US-09-647-344A-14	Sequence 14, Appl
29	41	2.3	9600	3	US-08-910-647-1	Sequence 1, Appl
30	41	2.3	9600	4	US-09-620-925-1	Sequence 1, Appl
31	41	2.3	10596	1	US-07-884-811-15	Sequence 15, Appl
32	41	2.3	10596	1	US-07-885-971-15	Sequence 15, Appl
33	41	2.3	10596	1	US-08-087-783A-15	Sequence 15, Appl
34	41	2.3	10596	1	US-08-194-088B-15	Sequence 15, Appl
35	41	2.3	10596	2	US-08-194-087-15	Sequence 15, Appl
36	41	2.3	10596	5	PCT-US93-0464A-15	Sequence 15, Appl
37	41	2.3	16080	4	US-09-724-566A-48	Sequence 48, Appl
38	40.8	2.3	2888	3	US-08-765-907A-1	Sequence 1, Appl
39	40.6	2.3	468	4	US-09-252-991A-5831	Sequence 5831, Ap
40	40.6	2.3	843	4	US-09-252-991A-5814	Sequence 5814, Ap
41	40.6	2.3	1125	4	US-08-252-991A-5854	Sequence 5854, Ap
42	40.6	2.3	1236	4	US-08-252-991A-5874	Sequence 5874, Ap
43	40.6	2.3	1338	4	US-09-252-991A-5797	Sequence 5797, Ap
44	40.6	2.3	1611	4	US-09-252-991A-5778	Sequence 5778, Ap
45	40.6	2.3	30001	1	US-08-125-468-1	Sequence 1, Appl

#### ALIGNMENTS

RESULT 1  
US-10-140-002-5

; Sequence 5, Application US/10140002  
; Patent No. 6725730

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C59

; CURRENT APPLICATION NUMBER: US/10/140,002

; PRIOR APPLICATION DATE: 2002-05-06

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 5

; LENGTH: 1760

; TYPE: DNA

; ORGANISM: Homo Sapien

; US-10-140-002-5

Query Match 100.0%; Score 1760; DB 4; Length 1760;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCCGCTGCGCGTCAGTCGTCTCCCGTCGTTTGGCCCTCTCCAGTTCGCCAGTGCCTGC 60

Db 1 CCCGCTGCGCGTCAGTCGTCTCCCGTCGTTTGGCCCTCTCCAGTTCGCCAGTGCCTGC 60

QY 61 CCTAGCACCACCGATGGGAGCTGCGGCTAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 120

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181 CATCTACGAGAGTGC CGCGCGCTTTACCTGACAGCGGAAACCGCTCCAGGTTACCGC 240  
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QY 421 TGGCTTTGAGTTGACCTTTCTGCTCAAGAGAGAACTGGGAGTCTGCCCCACCAACATG 480  
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Db 1321 CTTTGGCACTGAGGAGATCCTTACGGGCTCATGAGACCTGTTTACAACTCTGAACCTA 1380  
QY 1381 TCCTCGAGAGCTCTGCGCTCCCGTCTCGAAACGCTCTTTCTGCTGCTGAGGAGAGGAGTCA 1440  
Db 1381 TCCTCGAGAGCTCTGCGCTCCCGTCTCGAAACGCTCTTTCTGCTGCTGAGGAGAGGAGTCA 1440  
QY 1441 GCATCTCCAAATTTTACGAGCTCAAGAACCTTTGGGCCCCACAGGACTTCCGAGATGTAC 1500  
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QY 1501 ATTGCCCCCTCAGTCCCTGAATGCTGCGGACCCCAATTCGCCCAAGCCCTGAC 1560  
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QY 1561 CCCTTAGCTGCGGGGTTCCCACTCCAGTGCACAAACCCCTCACCCTCCCTGGCAGCC 1620  
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QY 1741 TAAAGTTGCTGCTGGGAG 1760  
Db 1741 TAAAGTTGCTGCTGGGAG 1760

## RESULT 2

US-09-581-831-1  
; Sequence 1, Application US/09581831  
; Patent No. 6448020  
; GENERAL INFORMATION:  
; APPLICANT: TOFTGARD, RUNE  
; APPLICANT: ZAPHIROPOULOS, PETER G.  
; APPLICANT: KOGERMAN, PRIIT  
; APPLICANT: GRIMM, THOMAS  
; TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED  
; TITLE OF INVENTION: GENE  
; FILE REFERENCE: 50695-60568  
; CURRENT APPLICATION NUMBER: US/09/581,831  
; CURRENT FILING DATE: 2000-08-21  
; PRIOR APPLICATION NUMBER: PCT/SE98/02383  
; PRIOR FILING DATE: 1998-12-18  
; PRIOR APPLICATION NUMBER: 9704788-0  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 9802293-2  
; PRIOR FILING DATE: 1998-06-26  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 2239  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (167)..(1618)  
US-09-581-831-1

Query Match 77.5%; Score 1364.6; DB 4; Length 2239;

Best Local Similarity 99.7%; Pred. No. 0;

Matches 1367; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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RESULT 3  
US-08-232-463-14  
; Sequence 14, Application US/08232463  
; Patent No. 5670367  
; GENERAL INFORMATION:  
; APPLICANT: DORNER, F.  
; APPLICANT: SCHEIFLINGER, F.  
; APPLICANT: FALKNER, F. G.  
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
; NUMBER OF SEQUENCES: 52  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 1800 Diagonal Road, Suite 500  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22313-0299  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/232,463  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/935,313  
; FILING DATE:  
; APPLICATION NUMBER: EP 91 114 300.6  
; FILING DATE: 26-AUG-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BENT, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)836-9300  
; TELEFAX: (703)683-4109  
; TELEX: 899149  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 7218 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; CLONE: PTZgpt-Fls  
US-08-232-463-14

Query Match 3.1%; Score 55; DB 1; Length 7218;  
Best Local Similarity 4.0%; Pred. No. 0.0001;  
Matches 16; Conservative 224; Mismatches 159; Indels 0; Gaps 0;  
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GenCore version 5.1.6  
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Gapop 10.0 , Gapext 1.0

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Total number of hits satisfying chosen parameters: 7255776

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

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Database : Published Applications NA.\*

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- 21: /cgn2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	1760	100.0	1760	14	US-10-121-049-5 Sequence 5, Appli
4	1760	100.0	1760	14	US-10-123-904-5 Sequence 5, Appli
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44	1760	100.0	1760	14	US-10-131-837A-5 Sequence 5, Appli
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ALIGNMENTS

RESULT 1

- US-10-028-072-5
- Sequence 5, Application US/10028072
- Publication No. US20030004311A1
- GENERAL INFORMATION:
- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: DeForge, Laura
- APPLICANT: Deanoyers, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tumas, Daniel
- APPLICANT: Watanabe, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang
- TITLE OF INVENTION:
- FILE REFERENCE:
- CURRENT APPLICATION NUMBER: US/10/028,072
- CURRENT FILING DATE: 2001-12-19
- PRIOR APPLICATION NUMBER: 60/049911
- PRIOR FILING DATE: 1997-06-18
- PRIOR APPLICATION NUMBER: 60/056974
- PRIOR FILING DATE: 1997-08-26
- PRIOR APPLICATION NUMBER: 60/059113
- PRIOR FILING DATE: 1997-09-17
- PRIOR APPLICATION NUMBER: 60/059115
- PRIOR FILING DATE: 1997-09-17
- PRIOR APPLICATION NUMBER: 60/059117



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; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match      100.0%; Score 1760; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGCTGCCCGTCAGTCTCTCCCGTCGTTTGCCCTCTCCAGTTCCTCCCGAGTGCCTGC 60
DB 1 CCGCTGCCCGTCAGTCTCTCCCGTCGTTTGCCCTCTCCAGTTCCTCCCGAGTGCCTGC 60

QY 61 CCTACGACCCCGATGGCGAGCTCGGCGCTAGCGCGCGCCCGCCGCCACCGCGCCCC 120
DB 61 CCTACGACCCCGATGGCGAGCTCGGCGCTAGCGCGCGCCCGCCGCCACCGCGCCCC 120

QY 121 GSCCCTGSCCGATGCCCCCGGCTTCGCTTCGCTTCCTCCCGGAGTGCACGC 180
DB 121 GSCCCTGSCCGATGCCCCCGGCTTCGCTTCGCTTCCTCCCGGAGTGCACGC 180

QY 181 CATCTACGAGAGTGGCGCGCTTTACCCCTACGACGCGAACCOCGCTCCAGGTTACCGC 240
DB 181 CATCTACGAGAGTGGCGCGCTTTACCCCTACGACGCGAACCOCGCTCCAGGTTACCGC 240

QY 241 TATGCTCAAGTACTGGTTGGGTGGCCAGACCCCTTGGACTATGTAGCATGTACAGAA 300
DB 241 TATGCTCAAGTACTGGTTGGGTGGCCAGACCCCTTGGACTATGTAGCATGTACAGAA 300

QY 301 TGTGGGAGCCCTTCGCTAAACATCCCGAGCACTGGCACTACATCAGCTTCGGGCTGAG 360
DB 301 TGTGGGAGCCCTTCGCTAAACATCCCGAGCACTGGCACTACATCAGCTTCGGGCTGAG 360

QY 361 TGATCTCTATGTTGACAAACAGAGTCCATGAGTTTACAGAAACAGATGACCTAGTGT 420
DB 361 TGATCTCTATGTTGACAAACAGAGTCCATGAGTTTACAGAAACAGATGACCTAGTGT 420

QY 421 TGGCTTTGAGTTGACCTTCGCTGAAGAGAGAACTGGGAGTCTGCCCAACCAATG 480
DB 421 TGGCTTTGAGTTGACCTTCGCTGAAGAGAGAACTGGGAGTCTGCCCAACCAATG 480

QY 481 GCCCGCAGAGTTAATGACGGGCTTGGCAGGATACGTTTCCAGTACAGAAACACCTTCG 540
DB 481 GCCCGCAGAGTTAATGACGGGCTTGGCAGGATACGTTTCCAGTACAGAAACACCTTCG 540

QY 541 CAGTGGGACCATGTGTCCTGGACAGCCCTTTGGATTAACAGTGAAGTAATTCAGCA 600
DB 541 CAGTGGGACCATGTGTCCTGGACAGCCCTTTGGATTAACAGTGAAGTAATTCAGCA 600

QY 601 CATGCTGCTACAGAGAGCCACAGATGACGCGCTGCAGACACCCCTTTGGGAGTATAC 660
DB 601 CATGCTGCTACAGAGAGCCACAGATGACGCGCTGCAGACACCCCTTTGGGAGTATAC 660

QY 661 CTTCCCTCCAGATCGTTGGTGTCTGCACTGAAGAGCTACACTCAGCCCGACGATGGACCG 720
DB 661 CTTCCCTCCAGATCGTTGGTGTCTGCACTGAAGAGCTACACTCAGCCCGACGATGGACCG 720
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QY 721 GCAGGCGATCCCTGGAGCTCTCGGACAGTGCTATTGTGCGGCGCCCTGCTGTATAAC 780
DB 721 GCAGGCGATCCCTGGAGCTCTCGGACAGTGCTATTGTGCGGCGCCCTGCTGTATAAC 780

QY 781 TGACATGCGGAGGGGAGAGACCATATTTGAGATCGATCCACCTTCCAGAGAGATTGA 840
DB 781 TGACATGCGGAGGGGAGAGACCATATTTGAGATCGATCCACCTTCCAGAGAGATTGA 840

QY 841 CAAAGGATCGAGACAGATGGCTCCAACTGAGTGGTGTGTCAGTGCCCAAGTGTGCTGGGA 900
DB 841 CAAAGGATCGAGACAGATGGCTCCAACTGAGTGGTGTGTCAGTGCCCAAGTGTGCTGGGA 900

QY 901 TGACCTGAGCCGCGCCCGGAGGATGACGAGGACAGCCGAGGACATCTGATCGGCACACA 960
DB 901 TGACCTGAGCCGCGCCCGGAGGATGACGAGGACAGCCGAGGACATCTGATCGGCACACA 960

QY 961 GCCCGCGGACTCTCTGGCAAGACACAGAGAGATCCGGGAGACCTGAGGAGAGACT 1020
DB 961 GCCCGCGGACTCTCTGGCAAGACACAGAGAGATCCGGGAGACCTGAGGAGAGACT 1020

QY 1021 CGAGATCAACAGCAAACTGCTCTCCACCAATCAACCTCAGCGGACAGAAATGCGCTCGC 1080
DB 1021 CGAGATCAACAGCAAACTGCTCTCCACCAATCAACCTCAGCGGACAGAAATGCGCTCGC 1080

QY 1081 CCACGACCGGCGCCCGGAGCGCAAGACAGCTTGAAGTGAAGTCCACGCGCCATCAT 1140
DB 1081 CCACGACCGGCGCCCGGAGCGCAAGACAGCTTGAAGTGAAGTCCACGCGCCATCAT 1140

QY 1141 TCCCATGAGCTGATTGCGACGCGGAGCTTGAAGAGTACATCTGAAATTTCAACAGGA 1200
DB 1141 TCCCATGAGCTGATTGCGACGCGGAGCTTGAAGAGTACATCTGAAATTTCAACAGGA 1200

QY 1201 GTCCGGAGCCCTCATTCCTCTCTGCTTAAGGGGAGGCTCTCATGAGCGGACTTTAC 1260
DB 1201 GTCCGGAGCCCTCATTCCTCTCTGCTTAAGGGGAGGCTCTCATGAGCGGACTTTAC 1260

QY 1261 ATATAAAGTATCACAGTGACATGSCCATCAGTTTGTCTCCACGGAGTGAAGCGC 1320
DB 1261 ATATAAAGTATCACAGTGACATGSCCATCAGTTTGTCTCCACGGAGTGAAGCGC 1320

QY 1321 CTTTGCCACTGAGGAGCATCTTTACCGGGCTCATGGAACCTTGTTTACAACTCTGAACCTA 1380
DB 1321 CTTTGCCACTGAGGAGCATCTTTACCGGGCTCATGGAACCTTGTTTACAACTCTGAACCTA 1380

QY 1381 TCCTCGAGCTCTGCCCTCCGCTCTGGAACGCTTTCTGCCCTGAGGAGAGGAGTAGTCA 1440
DB 1381 TCCTCGAGCTCTGCCCTCCGCTCTGGAACGCTTTCTGCCCTGAGGAGAGGAGTAGTCA 1440

QY 1441 GCATCTCAATTTTACGAGCTCAAGAACCTTGGCCCCCAGAGACTTTCGACATGTAC 1500
DB 1441 GCATCTCAATTTTACGAGCTCAAGAACCTTGGCCCCCAGAGACTTTCGACATGTAC 1500

QY 1501 ATTGCCCTCAGTCCCTGTAATGCCCTTGGAGCCCAACCCCAATTTCCCAAGCCCTGAC 1560
DB 1501 ATTGCCCTCAGTCCCTGTAATGCCCTTGGAGCCCAACCCCAATTTCCCAAGCCCTGAC 1560

QY 1561 CCCCTAGTCCCGGGTTCCTACCTCCAGTGCCACACCCCTCCTCCTCCCTGGCAGCC 1620
DB 1561 CCCCTAGTCCCGGGTTCCTACCTCCAGTGCCACACCCCTCCTCCTCCCTGGCAGCC 1620

QY 1621 CCTCAGGAGCTCAGGCGCCAGCACCCGCTGGTTCCTCCAGCACATGTGCTCCCTCCATGG 1680
DB 1621 CCTCAGGAGCTCAGGCGCCAGCACCCGCTGGTTCCTCCAGCACATGTGCTCCCTCCATGG 1680

QY 1681 GCTGTGCCAGGAAACCGGGGCGCGTGGGAAACGAGCTGCTGCGCTCGGAGATGTTCAA 1740
DB 1681 GCTGTGCCAGGAAACCGGGGCGCGTGGGAAACGAGCTGCTGCGCTCGGAGATGTTCAA 1740

QY 1741 TAAAGTTGCTGTGCTGGAG 1760
DB 1741 TAAAGTTGCTGTGCTGGAG 1760
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## RESULT 2

US-10-140-808-5  
; Sequence 5, Application US/10140808  
; Publication No. US20030017563A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Cao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC182  
; CURRENT APPLICATION NUMBER: US/10/140,808  
; CURRENT FILING DATE: 2002-05-07  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 5  
; LENGTH: 1760  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-140-808-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CCCGTGGCCGTCAGTCTCTCCCGTCGTTGTCCTCTCCAGTTCCTCCCGAGTCCCGTGC	60
DB	1	CCCGTGGCCGTCAGTCTCTCCCGTCGTTGTCCTCTCCAGTTCCTCCCGAGTCCCGTGC	60
QY	61	CCTAGCGACCCCGATGGCGGAGCTGCGGCTAGCGGGCCCGCCCGCCCGCCCGCCCGCC	120
DB	61	CCTAGCGACCCCGATGGCGGAGCTGCGGCTAGCGGGCCCGCCCGCCCGCCCGCCCGCC	120
QY	121	GGCCCTGGCCCGACTGCGCCCGCCCGCCCGCTTCCGCTTCCGCTTCCGCTTCCGCTTCC	180
DB	121	GGCCCTGGCCCGACTGCGCCCGCCCGCCCGCTTCCGCTTCCGCTTCCGCTTCCGCTTCC	180
QY	181	CATCTAGCGAGAGTCCCGCCCGCTTACCTGACACCGGAAACCCGCTCCAGGTTACCGC	240
DB	181	CATCTAGCGAGAGTCCCGCCCGCTTACCTGACACCGGAAACCCGCTCCAGGTTACCGC	240
QY	241	TATCGTCAAGTACTGGTGGTGGCCCGACGCCCTTGGACTATGTTAGCATGTACAGGAA	300
DB	241	TATCGTCAAGTACTGGTGGTGGCCCGACGCCCTTGGACTATGTTAGCATGTACAGGAA	300
QY	301	TGTGGGAGCCCTTCTGCTAACTCCCGAGCACTGGCACTACATCAGCTTCCGCTGAG	360
DB	301	TGTGGGAGCCCTTCTGCTAACTCCCGAGCACTGGCACTACATCAGCTTCCGCTGAG	360
QY	361	TGATCTCTATGCTGACACAGAGTCCATGAGTTTACAGGAAACAGATGGACCTAGTGGTT	420
DB	361	TGATCTCTATGCTGACACAGAGTCCATGAGTTTACAGGAAACAGATGGACCTAGTGGTT	420
QY	421	TGGCTTTGAGTTGACCTTTCTGCTGAAGAGAGAAACTGGGAGTCTGCCCAACCAATG	480
DB	421	TGGCTTTGAGTTGACCTTTCTGCTGAAGAGAGAAACTGGGAGTCTGCCCAACCAATG	480
QY	481	GCCCGCAGAGTTAATGCGAGGCTTGGCAGCATGCTTCCAGTCAGAGAACACCTTCTG	540

DB	481	GCCCGCAGAGTTAATGCGAGGCTTGGCAGCATGCTTCCAGTCAGAGAACACCTTCTG	540
QY	541	CAGTGGGGACCATGTGTCTTGGCAGAGCCCTTTGGATAACAGTGAAGTCAAGATTACGA	600
DB	541	CAGTGGGGACCATGTGTCTTGGCAGAGCCCTTTGGATAACAGTGAAGTCAAGATTACGA	600
QY	601	CATGCTGCTGACAGAGAGCCCAAGATGAGCCCGTGAGACACACCTTTGGGGTAGTTAC	660
DB	601	CATGCTGCTGACAGAGAGCCCAAGATGAGCCCGTGAGACACACCTTTGGGGTAGTTAC	660
QY	661	CTTCTCTCCAGATCGTTGGTGTCTGCACTGAAGAGTACACTCAGCCACAGTGAACCG	720
DB	661	CTTCTCTCCAGATCGTTGGTGTCTGCACTGAAGAGTACACTCAGCCACAGTGAACCG	720
QY	721	GCAGGGCATCTCGAGCTGCTGGGACAGTGTCTTCTGCTGGGGCCCTTGGCTGATAAC	780
DB	721	GCAGGGCATCTCGAGCTGCTGGGACAGTGTCTTCTGCTGGGGCCCTTGGCTGATAAC	780
QY	781	TGACATCGCGAGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGATTGA	840
DB	781	TGACATCGCGAGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGATTGA	840
QY	841	CAAAGGCATCGAGACAGATGGCTCCAACTGAGTGGTGTGAGTCAAGTGTGCTGGGA	900
DB	841	CAAAGGCATCGAGACAGATGGCTCCAACTGAGTGGTGTGAGTCAAGTGTGCTGGGA	900
QY	901	TGACCTGAGCCGCGCCCGGAGGATGAGAGACAGCGGAGCATCTGATCGGCACACA	960
DB	901	TGACCTGAGCCGCGCCCGGAGGATGAGAGACAGCGGAGCATCTGATCGGCACACA	960
QY	961	GGCCCGCGACTCTCTGCGCAAGACACAGAGCAGATCCGGGAGACCTTGAAGAGAGACT	1020
DB	961	GGCCCGCGACTCTCTGCGCAAGACACAGAGCAGATCCGGGAGACCTTGAAGAGAGACT	1020
QY	1021	CGAGATCAACAGCAACCTCTCTTCCACCAATCAACCTCAGCGGAGAGATGGCTCGC	1080
DB	1021	CGAGATCAACAGCAACCTCTCTTCCACCAATCAACCTCAGCGGAGAGATGGCTCGC	1080
QY	1081	CCACGACCGGGCCCGGAGCGCAAGAGACAGCTGAAAGTGAAGTCAAGTCAAGTCAAT	1140
DB	1081	CCACGACCGGGCCCGGAGCGCAAGAGACAGCTGAAAGTGAAGTCAAGTCAAGTCAAT	1140
QY	1141	TCCCATGAGCTGATTCGACGCGGAGCTTGAGAGCTATCATCTGAATTCACACAGGA	1200
DB	1141	TCCCATGAGCTGATTCGACGCGGAGCTTGAGAGCTATCATCTGAATTCACACAGGA	1200
QY	1201	GTCCGGAGCCCTCATTTCTCTGCTAAGGGGAGGCTCTGATGAGCGGAGCTTAC	1260
DB	1201	GTCCGGAGCCCTCATTTCTCTGCTAAGGGGAGGCTCTGATGAGCGGAGCTTAC	1260
QY	1261	ATATAAAGTATCAAGGTGACATGGCCATCAGGTTTGTCTCCAGCGGAGTGAAGGCG	1320
DB	1261	ATATAAAGTATCAAGGTGACATGGCCATCAGGTTTGTCTCCAGCGGAGTGAAGGCG	1320
QY	1321	CTTTGCCACTGAGGAGCATCTTACGCGGCTCATGAGCCCTGTTTACAACTCTGAACCTA	1380
DB	1321	CTTTGCCACTGAGGAGCATCTTACGCGGCTCATGAGCCCTGTTTACAACTCTGAACCTA	1380
QY	1381	TCTCGAGCTCTGCCCTCCCGTCTGGAAAGTCTTCTTCTGCTGAGGAGGAGTGA	1440
DB	1381	TCTCGAGCTCTGCCCTCCCGTCTGGAAAGTCTTCTTCTGCTGAGGAGGAGTGA	1440
QY	1441	GCATCTCCAAATTTTACAGAGCTCAAGACCTTGGCCCCCAGGACTTCCAGATGTAC	1500
DB	1441	GCATCTCCAAATTTTACAGAGCTCAAGACCTTGGCCCCCAGGACTTCCAGATGTAC	1500
QY	1501	ATTGCCCTCAGTCCCTGAAATGCCCTTGGGACCCCAACCCCAATTCGCCAAGCCCTGAC	1560
DB	1501	ATTGCCCTCAGTCCCTGAAATGCCCTTGGGACCCCAACCCCAATTCGCCAAGCCCTGAC	1560
QY	1561	CCCTAGTCCGGGGTCCCACTCCAGTGCACAAACCCCTCACCTCCCTCGGAGCC	1620

Db 1561 CCCCTAGCTGCGGGGTTCCCACTCCCACTGCCCAACCCCTCACCTCCCTCGGAGCC 1620  
Qy 1621 CCTCAGCAGGCTGAGGCCCAAGCAACCGCTGCTCCCAAGCAGATGGTCCCTCCCATGG 1680  
Db 1621 CCTCAGCAGGCTGAGGCCCAAGCAACCGCTGCTCCCAAGCAGATGGTCCCTCCCATGG 1680  
Qy 1681 GCTGTTGCCAGGAAACCGGGCGGGTGGGAAGAGTGTGCTGCGCATGTTTCAA 1740  
Db 1681 GCTGTTGCCAGGAAACCGGGCGGGTGGGAAGAGTGTGCTGCGCATGTTTCAA 1740  
Qy 1741 TAAAGTTGCTGCTGGGAG 1760  
Db 1741 TAAAGTTGCTGCTGGGAG 1760

RESULT 3  
US-10-121-049-5  
; Sequence 5, Application US/10121049  
; Publication No. US2003002239A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C17  
; CURRENT APPLICATION NUMBER: US/10/121,049  
; CURRENT FILING DATE: 2002-04-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 5  
; LENGTH: 1760  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-121-049-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCGCTGGCCGTCAGTGTCTCCCGTGTGGTTCCTCTCCAGTTCCTCCCGAGTCCCTGC 60  
Db 1 CCGCTGGCCGTCAGTGTCTCCCGTGTGGTTCCTCTCCAGTTCCTCCCGAGTCCCTGC 60  
Qy 61 CTTACGACCCCGATGGGAGTGGGCTAGCGGCGCCCGCGGCCCAACCGCGCCGCC 120  
Db 61 CTTACGACCCCGATGGGAGTGGGCTAGCGGCGCCCGCGGCCCAACCGCGCCGCC 120  
Qy 121 GGCCCTGGCCGACGTGCCCCCGCGCTTGGCTTGGCTTCCCGGGGACTGACGCG 180  
Db 121 GGCCCTGGCCGACGTGCCCCCGCGCTTGGCTTGGCTTCCCGGGGACTGACGCG 180  
Qy 181 CATCTAGGAGTGGCGGCGCTTTACCTGACAGCGAACCCTCCAGTTACCGC 240  
Db 181 CATCTAGGAGTGGCGGCGCTTTACCTGACAGCGAACCCTCCAGTTACCGC 240  
Qy 241 TATCGTCAAGTACTGTTGGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAA 300  
Db 241 TATCGTCAAGTACTGTTGGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAA 300

Qy 301 TGTGGGAGCCCTTCTGCTTAAACATCCCGAGCACTGGCACTACATCAGCTTCGGCTGAG 360  
Db 301 TGTGGGAGCCCTTCTGCTTAAACATCCCGAGCACTGGCACTACATCAGCTTCGGCTGAG 360  
Qy 361 TGATCTCTATGTGTGACAAACAGAGTCCATGAGTTTACAGGAAACAGATGGACCTAGTGGTTT 420  
Db 361 TGATCTCTATGTGTGACAAACAGAGTCCATGAGTTTACAGGAAACAGATGGACCTAGTGGTTT 420  
Qy 421 TGGCTTTGAGTTGACCTTTGCTGTAAGAGAAACTGGGGAGTGTGCCCCACCAACATG 480  
Db 421 TGGCTTTGAGTTGACCTTTGCTGTAAGAGAAACTGGGGAGTGTGCCCCACCAACATG 480  
Qy 481 GCGCGCAGAGTTTAAATGACGGCTTGGCAACGATACGTTGTTCCAGTCAGAGAAACACCTTCTG 540  
Db 481 GCGCGCAGAGTTTAAATGACGGCTTGGCAACGATACGTTGTTCCAGTCAGAGAAACACCTTCTG 540  
Qy 541 CAGTGGGACCATGTCCTGGCAACGCTTTGGATAACAGTGAGTCAAGAAATTCAGCA 600  
Db 541 CAGTGGGACCATGTCCTGGCAACGCTTTGGATAACAGTGAGTCAAGAAATTCAGCA 600  
Qy 601 CATGCTGCTCAGAGAGACCCACAGATGAGCCCGTGCAGACACCCCTTTGGGGTAGTTAC 660  
Db 601 CATGCTGCTCAGAGAGACCCACAGATGAGCCCGTGCAGACACCCCTTTGGGGTAGTTAC 660  
Qy 661 CTTCTCCAGATCGTTGGTGTCTGCACTGAAGAGTACACTCAGCCAGCAGTGGAAACGG 720  
Db 661 CTTCTCCAGATCGTTGGTGTCTGCACTGAAGAGTACACTCAGCCAGCAGTGGAAACGG 720  
Qy 721 GCAGGGCATCCTGAGAGTGTGCGGACAGTGCCTATTGCTGGGGCGCCCTTGGCTGATAAC 780  
Db 721 GCAGGGCATCCTGAGAGTGTGCGGACAGTGCCTATTGCTGGGGCGCCCTTGGCTGATAAC 780  
Qy 781 TGACATGCGGAGGGAGAGACCATATTGAGATCGATCCACACTGCAAGAGAGAGTTGA 840  
Db 781 TGACATGCGGAGGGAGAGACCATATTGAGATCGATCCACACTGCAAGAGAGAGTTGA 840  
Qy 841 CAAAGGCATCAGACAGATGGCTCCAACTGAGTGTGTGCTGAGTGCCTGAGTGCCTGGGA 900  
Db 841 CAAAGGCATCAGACAGATGGCTCCAACTGAGTGTGTGCTGAGTGCCTGAGTGCCTGGGA 900  
Qy 901 TGACCTGAGCCGCGCCCGGAGGATGACGAGGACAGCCGAGGATCTGATCCGCGACACA 960  
Db 901 TGACCTGAGCCGCGCCCGGAGGATGACGAGGACAGCCGAGGATCTGATCCGCGACACA 960  
Qy 961 GCGCCGCGGACTCTCTGCGCAAGACACAGAGCAGATCCGGGAGACCTTGAGGAGAGACT 1020  
Db 961 GCGCCGCGGACTCTCTGCGCAAGACACAGAGCAGATCCGGGAGACCTTGAGGAGAGACT 1020  
Qy 1021 CGAGATCAACAGCAAACTCTCTTCCCACTCAACCTCAGCGGAGAGTGGCTTCGC 1080  
Db 1021 CGAGATCAACAGCAAACTCTCTTCCCACTCAACCTCAGCGGAGAGTGGCTTCGC 1080  
Qy 1081 CCAGACCGGCGCCCGGAGGCGCAAGACAGCTGGAAAGTGAAGCTCCACGCGCATCAT 1140  
Db 1081 CCAGACCGGCGCCCGGAGGCGCAAGACAGCTGGAAAGTGAAGCTCCACGCGCATCAT 1140  
Qy 1141 TCCCATGAGTGTATTCGAGCGGCGAGTGTGAGAGGTACATCTGAATTCACACAGGA 1200  
Db 1141 TCCCATGAGTGTATTCGAGCGGCGAGTGTGAGAGGTACATCTGAATTCACACAGGA 1200  
Qy 1201 GTCCGAGCCCTCATTTCTCTGCTTAAGGGGAGGCTCCTGATGAGCGGACCTTTAC 1260  
Db 1201 GTCCGAGCCCTCATTTCTCTGCTTAAGGGGAGGCTCCTGATGAGCGGACCTTTAC 1260  
Qy 1261 ATATAAAGTATCAAGTGACATGGCCATCACTTTGCTCCACGGGAGTGGAGGCGC 1320  
Db 1261 ATATAAAGTATCAAGTGACATGGCCATCACTTTGCTCCACGGGAGTGGAGGCGC 1320  
Qy 1321 CTTTGGCAGTCTGAGGAGGATCCTTACGGGCTCATGGACCTCTGGTTTACACTCTCTGAACTA 1380  
Db 1321 CTTTGGCAGTCTGAGGAGGATCCTTACGGGCTCATGGACCTCTGGTTTACACTCTCTGAACTA 1380

QY 1381 TCCTGGAGCTCTGCCCTCCCTCTCTGGAACGTCTTTCTGCTCCTGAGGAGGGTAGTCA 1440  
DB 1381 TCCTGGAGCTCTGCCCTCCCTCTCTGGAACGTCTTTCTGCTCCTGAGGAGGGTAGTCA 1440  
QY 1441 GCATCTCCAAATTTTCAGAGCTCAAGAACCTTGGCCCCCAGAGCTTCGGAGATGTAC 1500  
DB 1441 GCATCTCCAAATTTTCAGAGCTCAAGAACCTTGGCCCCCAGAGCTTCGGAGATGTAC 1500  
QY 1501 ATTGCCCTCAGTCCCTCCCTGAAATGCCCTTCGGACCCCAACCCCAATTCGCCCAAGCCCTTGAC 1560  
DB 1501 ATTGCCCTCAGTCCCTCCCTGAAATGCCCTTCGGACCCCAACCCCAATTCGCCCAAGCCCTTGAC 1560  
QY 1561 CCCCTAGTCCCGGGGTTCCCACTCCAGTGCCCAACCCCTCACCTCCCTGGAGCC 1620  
DB 1561 CCCCTAGTCCCGGGGTTCCCACTCCAGTGCCCAACCCCTCACCTCCCTGGAGCC 1620  
QY 1621 CCTCAGCAGCCTGAGGCCCCAGACCCCTGCTGCCCTCCAGCACATGTTCCCTCCCATGG 1680  
DB 1621 CCTCAGCAGCCTGAGGCCCCAGACCCCTGCTGCCCTCCAGCACATGTTCCCTCCCATGG 1680  
QY 1681 GCTGTTGCCAGGGAACCGGGGCGGGTGGGAACGAGTGTGCTCCCTGGCATGTTCAA 1740  
DB 1681 GCTGTTGCCAGGGAACCGGGGCGGGTGGGAACGAGTGTGCTCCCTGGCATGTTCAA 1740  
QY 1741 TAAAGTTGCTGTGCTGGGAG 1760  
DB 1741 TAAAGTTGCTGTGCTGGGAG 1760

## RESULT 4

US-10-123-904-5  
; Sequence 5, Application US/10123904  
; Publication No. US2003022328A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C54  
; CURRENT APPLICATION NUMBER: US/10/123,904  
; CURRENT FILING DATE: 2002-04-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 5  
; LENGTH: 1760  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-123-904-5  
Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCAGCTGGCCGCTCAGTGTCTCTCCCGTCTGTTTGGCCCTCTCCAGTTCCTCCAGTCCCGGCTGCTGC 60  
DB 1 CCAGCTGGCCGCTCAGTGTCTCTCCCGTCTGTTTGGCCCTCTCCAGTTCCTCCAGTTCCTCCAGTCCCGGCTGCTGC 60  
QY 61 CCTACGACACCCCGATGGCGGAGTGTGGGCTACGGCGGCCCGGCCCGCCCGCCCGCC 120

DB 61 CCTACGACACCCCGATGGCGGAGTGTGGGCTACGGCGGCCCGGCCCGCCCGCCCGCC 120  
QY 121 GGCCCTGGCCGAGCTGGCCCTCCCGCCCTTCGCTTCGCTCTTTCCCGCCGGGACTGCACGC 180  
DB 121 GGCCCTGGCCGAGCTGGCCCTCCCGCCCTTCGCTTCGCTCTTTCCCGCCGGGACTGCACGC 180  
QY 181 CATCTACGAGAGTGGCCGCTTTACCTTCACAGCGAACCCTCCGCTCCAGGTTACCGC 240  
DB 181 CATCTACGAGAGTGGCCGCTTTACCTTCACAGCGAACCCTCCGCTCCAGGTTACCGC 240  
QY 241 TATGCTCAAGTACTGTTGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGAA 300  
DB 241 TATGCTCAAGTACTGTTGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGAA 300  
QY 301 TGTGGGAGCCCTTCGCTAAACATCCCGAGCACTGGGCACTACATCAGTTCGGCTGAG 360  
DB 301 TGTGGGAGCCCTTCGCTAAACATCCCGAGCACTGGGCACTACATCAGTTCGGCTGAG 360  
QY 361 TGATCTCTATGTTGACAAACAGAGTCCATGAGTTTACAGGAAACAGATGAGCTAGTGT 420  
DB 361 TGATCTCTATGTTGACAAACAGAGTCCATGAGTTTACAGGAAACAGATGAGCTAGTGT 420  
QY 421 TGGCTTTGAGTTGACCTTTCTGAAAGAGAAACTGGGAGTGTGGCCCAACATG 480  
DB 421 TGGCTTTGAGTTGACCTTTCTGAAAGAGAAACTGGGAGTGTGGCCCAACATG 480  
QY 481 GCCCGCAGAGTTAATCCAGGGCTTGGCAGCATACCTGTTCCAGTCAGAGAACACCTCTG 540  
DB 481 GCCCGCAGAGTTAATCCAGGGCTTGGCAGCATACCTGTTCCAGTCAGAGAACACCTCTG 540  
QY 541 CAGTGGGACCAATGTTCTCTGSCACAGCCCTTTGGATAACAGTGAAGTCAAGATTCAGCA 600  
DB 541 CAGTGGGACCAATGTTCTCTGSCACAGCCCTTTGGATAACAGTGAAGTCAAGATTCAGCA 600  
QY 601 CATGCTGTGACAGAGGACCCACAGATGCGCCGTGACAGACCCCTTTGGGTTAGTTAC 660  
DB 601 CATGCTGTGACAGAGGACCCACAGATGCGCCGTGACAGACCCCTTTGGGTTAGTTAC 660  
QY 661 CTTCTCCAGATCGTTGTTGTCTGCACTGAAGAGCTACACTCAGCCAGCAGTGGAAAG 720  
DB 661 CTTCTCCAGATCGTTGTTGTCTGCACTGAAGAGCTACACTCAGCCAGCAGTGGAAAG 720  
QY 721 GCAGGGCATCTGGAGCTGCTGGGACAGTGCCTATTGCTGGCGGCCCTTGGCTGATAAC 780  
DB 721 GCAGGGCATCTGGAGCTGCTGGGACAGTGCCTATTGCTGGCGGCCCTTGGCTGATAAC 780  
QY 781 TGACATGGGAGGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGAGTTGA 840  
DB 781 TGACATGGGAGGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGAGTTGA 840  
QY 841 CAAAGGCACTCAGACAGATGCTCAACCTGAGTGGTGTGAGTCCCAAGTGTGCTGGGA 900  
DB 841 CAAAGGCACTCAGACAGATGCTCAACCTGAGTGGTGTGAGTCCCAAGTGTGCTGGGA 900  
QY 901 TGACCTGAGCGGCCCGCCCGGAGATGACAGGACAGCGGAGCATCTGCATCGGCACACA 960  
DB 901 TGACCTGAGCGGCCCGCCCGGAGATGACAGGACAGCGGAGCATCTGCATCGGCACACA 960  
QY 961 GCCCGGCGACTCTCTGGCAAGACACAGAGCAGATCCGGGAGACCTTGAGGAGAGACT 1020  
DB 961 GCCCGGCGACTCTCTGGCAAGACACAGAGCAGATCCGGGAGACCTTGAGGAGAGACT 1020  
QY 1021 CGAGATCAACAGCAAACTGTCCTTCCACCAATCAACCTCAGCGGAGAGTGGCTCGC 1080  
DB 1021 CGAGATCAACAGCAAACTGTCCTTCCACCAATCAACCTCAGCGGAGAGTGGCTCGC 1080  
QY 1081 CCAAGCGGCGCCCGGAGCGCAAGAGCAGCTGGAAAGTGAAGTTCACAGCTCCAGGCCATCAT 1140  
DB 1081 CCAAGCGGCGCCCGGAGCGCAAGAGCAGCTGGAAAGTGAAGTTCACAGCTCCAGGCCATCAT 1140  
QY 1141 TCCCATGAGCTGATTCGACGGGAGCTTGAGGCTGATCTGAATTCACACGGA 1200







Db	721	GCAGGGCATCTCTGAGCTGCTGCGGACAGTGCCTATTGCTGGCGGCCCTTGGCTGATAC	780
Qy	781	TGACATCGGAGGGGAGAGACCATTATTGAGATCGATCCACACCTGCAAGAGAGAGTTGA	840
Db	781	TGACATCGGAGGGGAGAGACCATTATTGAGATCGATCCACACCTGCAAGAGAGAGTTGA	840
Qy	841	CAAAAGGATCGAGACAGATSGCTTCAACCTGAGTGGTGTGAGTGCCCAAGTGTGCTTGGGA	900
Db	841	CAAAAGGATCGAGACAGATSGCTTCAACCTGAGTGGTGTGAGTGCCCAAGTGTGCTTGGGA	900
Qy	901	TGACCTGAGCGGGCCCCCGGAGGATGACGAGGACAGCCGAGCATCTGCAATCGGCACACA	960
Db	901	TGACCTGAGCGGGCCCCCGGAGGATGACGAGGACAGCCGAGCATCTGCAATCGGCACACA	960
Qy	961	GCCCCGCGACTCTCTGCAAAAGACACAGAGCAGATCCGGGAGACCTCTGAGGAGAGGACT	1020
Db	961	GCCCCGCGACTCTCTGCAAAAGACACAGAGCAGATCCGGGAGACCTCTGAGGAGAGGACT	1020
Qy	1021	CGAGATCAACAGCAAAACCTGTCTTCCACCAATCAACCTTCAGCGGCAGAAATGGCTCGC	1080
Db	1021	CGAGATCAACAGCAAAACCTGTCTTCCACCAATCAACCTTCAGCGGCAGAAATGGCTCGC	1080
Qy	1081	CCAGACCGGGCCCCGAGCGCAAGACAGCCTGGRAAGTGACAGCTTCCACGGCCATCAT	1140
Db	1081	CCAGACCGGGCCCCGAGCGCAAGACAGCCTGGRAAGTGACAGCTTCCACGGCCATCAT	1140
Qy	1141	TCCCATATGAGTGATTTCGCACGGCGGACTTGAGAGCGTACATCTGAAATTCACACGGA	1200
Db	1141	TCCCATATGAGTGATTTCGCACGGCGGACTTGAGAGCGTACATCTGAAATTCACACGGA	1200
Qy	1201	GTCGGGAGCCCTCATCTCTGCTTAAGGGCGAGCTCTCGATGGAGCGGCACATTTC	1260
Db	1201	GTCGGGAGCCCTCATCTCTGCTTAAGGGCGAGCTCTCGATGGAGCGGCACATTTC	1260
Qy	1261	ATATAAAGTATCACAGGTGACATGGCCATCACGTTTTGTCTCCACGGGAGTGAAGCGC	1320
Db	1261	ATATAAAGTATCACAGGTGACATGGCCATCACGTTTTGTCTCCACGGGAGTGAAGCGC	1320
Qy	1321	CTTTGGCAGCTGAGGAGCATCTTACGGGCTCATGGACCTGGTTACAACTCTGAACCTA	1380
Db	1321	CTTTGGCAGCTGAGGAGCATCTTACGGGCTCATGGACCTGGTTACAACTCTGAACCTA	1380
Qy	1381	TCCTCGGAGCTTCGCTTCGCTTCTGGAACGTTCTTCGCTTGAGGAGGGTAGTCA	1440
Db	1381	TCCTCGGAGCTTCGCTTCGCTTCTGGAACGTTCTTCGCTTGAGGAGGGTAGTCA	1440
Qy	1441	GCATCTCCAATTTTCAGAGCTCAAGAACCTTGSCCCCAACAGAGCTTCCAGATGTCA	1500
Db	1441	GCATCTCCAATTTTCAGAGCTCAAGAACCTTGSCCCCAACAGAGCTTCCAGATGTCA	1500
Qy	1501	ATTGCCCTCAGTCCCTCGAATGCCCTTCGGAACCAACCCCAATTCCTCAAGCCCTGAC	1560
Db	1501	ATTGCCCTCAGTCCCTCGAATGCCCTTCGGAACCAACCCCAATTCCTCAAGCCCTGAC	1560
Qy	1561	CCCCTAGTCGCGGGTTCCCACTCCAGTGCACAAACCCCTCACTCCCTCGGAGGCC	1620
Db	1561	CCCCTAGTCGCGGGTTCCCACTCCAGTGCACAAACCCCTCACTCCCTCGGAGGCC	1620
Qy	1621	CCTCAGCGAGCTCAGGCCCAAGCACCCGCTGGCTCCCGAGCACATGTCCTCCCTCCATGG	1680
Db	1621	CCTCAGCGAGCTCAGGCCCAAGCACCCGCTGGCTCCCGAGCACATGTCCTCCCTCCATGG	1680
Qy	1681	GCTGTGCCAGGAAACGGGGCGGTGGGAACGAGCTGCTGCGCTCGCATGTTTCAA	1740
Db	1681	GCTGTGCCAGGAAACGGGGCGGTGGGAACGAGCTGCTGCGCTCGCATGTTTCAA	1740
Qy	1741	TAAAGTTGCTGTCTGGGAG	1760
Db	1741	TAAAGTTGCTGTCTGGGAG	1760

## RESULT 7

RESULT 7  
US-10-176-918-5

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; Sequence 5, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P33301C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-176-918-5

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Query Match	100.0%;	Score 1760;	DB 14;	Length 1760;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1760;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	1	CCCGCTGGCCGTCAGTGCTCTCCCGTCGTTTGGCCCTCTCCAGTTCGCCCGAGTGCTGCG	60
Db	1	CCCGCTGGCCGTCAGTGCTCTCCCGTCGTTTGGCCCTCTCCAGTTCGCCCGAGTGCTGCG	60
Qy	61	CCTACGCACCCCGATGTCGGAGTTCGGCCCTAGCGGGCCCGCGGCCCCACCGCGCCCC	120
Db	61	CCTACGCACCCCGATGTCGGAGTTCGGCCCTAGCGGGCCCGCGGCCCCACCGCGCCCC	120
Qy	121	GGCCCCTGCCCGCAGTCGCCCCCGCGGCTTCGTTTCGCTCTTTCGCCGGGATGCGACGC	180
Db	121	GGCCCCTGCCCGCAGTCGCCCCCGCGGCTTCGTTTCGCTCTTTCGCCGGGATGCGACGC	180
Qy	181	CATCTACGGAGAGTGC CGCGCGCTTTACCTGACCCAGCCGAAACCGCTCCAGGTTACCGC	240
Db	181	CATCTACGGAGAGTGC CGCGCGCTTTACCTGACCCAGCCGAAACCGCTCCAGGTTACCGC	240
Qy	241	TATCGTCAAGTACTGGTTGGGTGCCCGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAA	300
Db	241	TATCGTCAAGTACTGGTTGGGTGCCCGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAA	300
Qy	301	TGTGGGAGCCCTTCTGCTAAACATCCCGAGACACTGGCACTACATCAGCTTCGGCCCTGAG	360
Db	301	TGTGGGAGCCCTTCTGCTAAACATCCCGAGACACTGGCACTACATCAGCTTCGGCCCTGAG	360
Qy	361	TGATCTCTATGTTGACACACAGATCCATGAGTTTACAGGAACAGATGGAACCTAGTGTTTT	420
Db	361	TGATCTCTATGTTGACACACAGATCCATGAGTTTACAGGAACAGATGGAACCTAGTGTTTT	420
Qy	421	TGGCTTTGAGTTGACCTTTTCGTCTGAAGAGAGAAACTGGGGAGTCTGCCCCACCAACATG	480
Db	421	TGGCTTTGAGTTGACCTTTTCGTCTGAAGAGAGAAACTGGGGAGTCTGCCCCACCAACATG	480
Qy	481	GCCCGCAGAGTTAATGACGGGCTTGGCAACGATACGTGTTCCAGTCAGAGAACACCTTCTG	540
Db	481	GCCCGCAGAGTTAATGACGGGCTTGGCAACGATACGTGTTCCAGTCAGAGAACACCTTCTG	540

541 CAGTGGGACCAATGTCTCTGTCAGAGCCCTTTGGATAACAGTGTAGTCAAGAATTACGCA 600  
Db  
541 CAGTGGGACCAATGTCTCTGTCAGAGCCCTTTGGATAACAGTGTAGTCAAGAATTACGCA 600  
QY  
601 CATGTGCTGACAGAGGACCCACAGATCAGAGCCCTGTCAGACACCCCTTTGGGTAGTTAC 660  
Db  
601 CATGTGCTGACAGAGGACCCACAGATCAGAGCCCTGTCAGACACCCCTTTGGGTAGTTAC 660  
QY  
661 CTTCTCCAGATCGTTGTGTCTGACATGAAGAGCTACACTCAGCCACAGAGTGAACGG 720  
Db  
661 CTTCTCCAGATCGTTGTGTCTGACATGAAGAGCTACACTCAGCCACAGAGTGAACGG 720  
QY  
721 GCAGGACATCTGGAGCTCTCTGGACAGTGCCTATTGCTGGGCGCCCTGCTGTATAC 780  
Db  
721 GCAGGACATCTCTGGAGCTCTCTGGACAGTGCCTATTGCTGGGCGCCCTGCTGTATAC 780  
QY  
781 TCACATGCGGAGGAGAGACCATATTTGAGATCGATCCACCTGCAAGAGAGAGTTGA 840  
Db  
781 TCACATGCGGAGGAGAGACCATATTTGAGATCGATCCACCTGCAAGAGAGAGTTGA 840  
QY  
841 CAAAGCATCGAGACAGATGGTCCAACTGAGTGGTGTAGTGCCTGCTGCTGGGA 900  
Db  
841 CAAAGCATCGAGACAGATGGTCCAACTGAGTGGTGTAGTGCCTGCTGCTGGGA 900  
QY  
901 TGACCTGAGCGGCGCCCGGAGATGAGAGACAGCGGAGCATCTGCATCGGCACACA 960  
Db  
901 TGACCTGAGCGGCGCCCGGAGATGAGAGACAGCGGAGCATCTGCATCGGCACACA 960  
QY  
961 GCCCGGCGACTCTCTGGCAAAAGACACAGAGCAGATCCGGGAGACCTTGGAGAGGACT 1020  
Db  
961 GCCCGGCGACTCTCTGGCAAAAGACACAGAGCAGATCCGGGAGACCTTGGAGAGGACT 1020  
QY  
1021 CGAGATCAACAGAAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGCCTGCG 1080  
Db  
1021 CGAGATCAACAGAAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGCCTGCG 1080  
QY  
1081 CCACGACCGGCGCCCGGAGCGCAAGACAGCTGGAAGTACAGCTCCACGGCCATCAT 1140  
Db  
1081 CCACGACCGGCGCCCGGAGCGCAAGACAGCTGGAAGTACAGCTCCACGGCCATCAT 1140  
QY  
1141 TCCCATGAGCTGATTCGACCGCGGAGCTTGAGAGCGTACATCTGAAATTCACACGGA 1200  
Db  
1141 TCCCATGAGCTGATTCGACCGCGGAGCTTGAGAGCGTACATCTGAAATTCACACGGA 1200  
QY  
1201 GTCCGAGCGCTCATCTCTCTGCTTAAGGGGAGGCTCCTGATGACGCGCACTTTAC 1260  
Db  
1201 GTCCGAGCGCTCATCTCTCTGCTTAAGGGGAGGCTCCTGATGACGCGCACTTTAC 1260  
QY  
1261 ATATAAAGTATCAGAGTACATGGCCATACAGTTTGTCTCCAGCGGAGTGAAGGCG 1320  
Db  
1261 ATATAAAGTATCAGAGTACATGGCCATACAGTTTGTCTCCAGCGGAGTGAAGGCG 1320  
QY  
1321 CTTTCCACTGAGGAGCATCTTACCGGCTCATGACCCCTGTTTACACTCTGAACCTA 1380  
Db  
1321 CTTTCCACTGAGGAGCATCTTACCGGCTCATGACCCCTGTTTACACTCTGAACCTA 1380  
QY  
1381 TCCTCGGAGCTGCGCTCTCTCTGGAAGCGTCTTTCTGCGCTGAGGAGGGTGTGCA 1440  
Db  
1381 TCCTCGGAGCTGCGCTCTCTCTGGAAGCGTCTTTCTGCGCTGAGGAGGGTGTGCA 1440  
QY  
1441 GCATCTCMAATTTTACAGAGCTCAAGACCTTGGGCCCCCAGAGCTTCGAGATGTAC 1500  
Db  
1441 GCATCTCMAATTTTACAGAGCTCAAGACCTTGGGCCCCCAGAGCTTCGAGATGTAC 1500  
QY  
1501 ATTGCCCCCTCAGTCCCTTGAATGCCCTTGGGACCAACCCCAATTCGCCAGCCCTGAC 1560  
Db  
1501 ATTGCCCCCTCAGTCCCTTGAATGCCCTTGGGACCAACCCCAATTCGCCAGCCCTGAC 1560  
QY  
1561 CCCCTAGTTCGGGGTTCCCACTCCAGTGCCACAACCCCTCCTCCTGCGAGCC 1620  
Db  
1561 CCCCTAGTTCGGGGTTCCCACTCCAGTGCCACAACCCCTCCTCCTGCGAGCC 1620  
QY  
1621 CCTCAGGAGCGCTGAGGCGCCAGCACCCGCTGCTCTCCCGAGCACATGCTGCCCTCCCATGG 1680

1621 CCTCAGGAGCGCTGAGGCGCCAGCACCCGCTGGCTCCCGAGCACATGCTCCCTCCCATGG 1680  
QY  
1681 GCTGTTGCCAGAGAAACCGGGGCGGTGGGAACAGAGCTGCTGGCTCGGCATGTTCAA 1740  
Db  
1681 GCTGTTGCCAGAGAAACCGGGGCGGTGGGAACAGAGCTGCTGGCTCGGCATGTTCAA 1740  
QY  
1741 TAAAGTTGCTGTCTGGGAG 1760  
Db  
1741 TAAAGTTGCTGTCTGGGAG 1760

RESULT 8  
US-10-176-921-5  
; Sequence 5, Application US/10176921  
; Publication No. US20030027276A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Tamas, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C288  
; CURRENT APPLICATION NUMBER: US/10/176,921  
; CURRENT FILING DATE: 2002-06-20  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 5  
; LENGTH: 1760  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-176-921-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGCTGGCGGCGTCACTGCTCTCCCGCTGCTTGGCTCTCCAGTTCGCCAGTGGCTGC 60  
Db 1 CCGCTGGCGGCGTCACTGCTCTCCCGCTGCTTGGCTCTCCAGTTCGCCAGTGGCTGC 60  
QY 61 CTTACGACCCCGATGGCGAGCTGCGGCTAGCGGCGCCCGGCGCCCGGCGCCCG 120  
Db 61 CTTACGACCCCGATGGCGAGCTGCGGCTAGCGGCGCCCGGCGCCCGGCGCCCG 120  
QY 121 GGCGCTGGCGAGTGGCGGCTTACCTTACCTGACAGCGGAAACCGCTCCAGTTACCG 180  
Db 121 GGCGCTGGCGAGTGGCGGCTTACCTTACCTGACAGCGGAAACCGCTCCAGTTACCG 180  
QY 181 CATCTACGAGAGTGGCGGCTTACCTTACCTGACAGCGGAAACCGCTCCAGTTACCG 240  
Db 181 CATCTACGAGAGTGGCGGCTTACCTTACCTGACAGCGGAAACCGCTCCAGTTACCG 240  
QY 241 TATCTCAAGTACTGTTGGTGGCGGAGACCCCTTGGACTATGTAGCATGTACAGGAA 300  
Db 241 TATCTCAAGTACTGTTGGTGGCGGAGACCCCTTGGACTATGTAGCATGTACAGGAA 300  
QY 301 TGTGGGAGCCCTTCTGCTAAACATCCCGGAGCACTGACATCAGCTTCGGCTGAG 360

301	TGTGGGAGCCCTTCTGCTAACTCCCGAGACACTGGCACTACATCAGCTTCGGCCCTGAG	360
361	TGATCTCTATGGTGCAACAGAGTCCATGAGTTTACAGGAACAGATGGACCTAGTGGTTT	420
361	TGATCTCTATGGTGCAACAGAGTCCATGAGTTTACAGGAACAGATGGACCTAGTGGTTT	420
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421	TGGCTTTGAGTTGATCACCCTTTCGTCTGAGAGAGAACTGGGAGTCTGCCCCACCAATG	480
481	GCCCGCAGAGTTAATGCAGGGCTTGGCACGATACGTGTTCCAGTCAGAGAACCTTCTG	540
481	GCCCGCAGAGTTAATGCAGGGCTTGGCACGATACGTGTTCCAGTCAGAGAACCTTCTG	540
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541	CAGTGGGGACCATGTGTCTCTGGCACAGCCCTTTGGATAAACAGTGATCAAGAAATCAGCA	600
601	CATGCTGCTACAGAGGACCCACAGATGACGCCCGTGCAGACACCTTTGGGGTAGTTAC	660
601	CATGCTGCTACAGAGAGCCCAAGATGAGCCCGTGCAGACACCTTTGGGGTAGTTAC	660
661	CTTCCTCCAGATCGTTGGTGTCTGCATGAGAGCTACACTCAGCCCAGCAGTGGAAACGG	720
661	CTTCCTCCAGATCGTTGGTGTCTGCATGAGAGCTACACTCAGCCCAGCAGTGGAAACGG	720
721	GCAGGGCATCCTGGAGCTGTGCGGCAGTGCCTATTGCTGGGGCCCTTGGCTGATAAC	780
721	GCAGGGCATCCTGGAGCTGTGCGGCAGTGCCTATTGCTGGGGCCCTTGGCTGATAAC	780
781	TGACATCGGAGGGGAGAGACCATATTGAGATCGATCCACACTGCAAGAGAGAGTTGA	840
781	TGACATCGGAGGGGAGAGACCATATTGAGATCGATCCACACTGCAAGAGAGAGTTGA	840
841	CAAAAGGATCGAGACAGATGGCTCCAACTTGAGTGTGTCAGTGCCAAAGTGTGCCTGGGA	900
841	CAAAAGGATCGAGACAGATGGCTCCAACTTGAGTGTGTCAGTGCCAAAGTGTGCCTGGGA	900
901	TGACCTGAGCGGGCCCCCGAGGATGACGAGGACAGCGCGGAGCATCTGCATCGGCACACA	960
901	TGACCTGAGCGGGCCCCCGAGGATGACGAGGAGATGACGAGGAGCATCTGCATCGGCACACA	960
961	GCCCCGGGACTCTCTGCGAAAGACACAGAGCAGATCCGGAGAGCCTGAGGAGAGGACT	1020
961	GCCCCGGGACTCTCTGCGAAAGACACAGAGCAGATCCGGAGAGCCTGAGGAGAGGACT	1020
1021	CGAGATCAACAGCAAAACCTGTCTTCACCAATCAACCTCAGCGGCGAGAAATGSCCTCGC	1080
1021	CGAGATCAACAGCAAAACCTGTCTTCACCAATCAACCTCAGCGGCGAGAAATGSCCTCGC	1080
1081	CCAGACCGGGCCCCCGAGCGCAAGAGCAGCTCGGAAAGTGACAGCTCCACGGCCATCAT	1140
1081	CCAGACCGGGCCCCCGAGCGCAAGAGCAGCTCGGAAAGTGACAGCTCCACGGCCATCAT	1140
1141	TCCCATGAGCTGATTCGACCGGGCAGCTTGAGAGCGTACATCTGAAATTCACACAGGA	1200
1141	TCCCATGAGCTGATTCGACCGGGCAGCTTGAGAGCGTACATCTGAAATTCACACAGGA	1200
1201	GTCCEGAGCCCTCATTCCTCTCTGCCCTAAAGGGGAGGCTCCTGCATGAGACGGCACTTTAC	1260
1201	GTCCEGAGCCCTCATTCCTCTCTGCCCTAAAGGGGAGGCTCCTGCATGAGACGGCACTTTAC	1260
1261	ATATAAAGTATCAGGTGACATGGCCATCACGTTTGTCTCCACGGGAGTGGAAAGCGC	1320
1261	ATATAAAGTATCAGGTGACATGGCCATCACGTTTGTCTCCACGGGAGTGGAAAGCGC	1320
1321	CTTTGGCACTCAGAGAGCATCCTTACGGGGCTCATGGACCTCTGGTTACAATCTCTGAACCTA	1380
1321	CTTTGGCACTCAGAGAGCATCCTTACGGGGCTCATGGACCTCTGGTTACAATCTCTGAACCTA	1380
1381	TCCTCGGAGCTCTCCCTCCCGTCTCTGGAACGTTTTCGCGCTGAGAGAGGCTAGTCA	1440
1381	TCCTCGGAGCTCTCCCTCCCGTCTCTGGAACGTTTTCGCGCTGAGAGAGGCTAGTCA	1440

## RESULT 9

US-10-137-865-5  
; Sequence 5, Application US/10137865  
; Publication No. US20030032155A1

```

; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-137-865-5

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Query Match	100.0%;	Score 1760;	DB 14;	Length 1760;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1760:	Conservative	0:	Mismatches	0:
			Indels	0:

Accession	Sequence	Position
Qy	1 CCGCCTGGCCGCCFCAAGTGTCTCCCGTCGTTTGGCCCTCTCCAGTTCGCCAGTGCCTGC	60
Db	1 CCGCGTGGCCCGCTCAAGTGTCTCTCCCGCTGTTTGGCCCTCTCCAGTTCGCCAGTGCCTGC	60
Qy	61 CTTACGACCCCGATGGCGGAGCTGGGGCTAGCGCGCCCGCGGCCGCCACCGCGCGCCCC	120
b	61 CTTACGACCCCGATGGCGGAGCTGGGGCTAGCGCGCCCGCGGCCGCCACCGCGCGCCCC	120

Qy	121	GGCCCTGGCCGAGTGCCTCCCTCCCGGGCTTTCGCTTCGCTCTTTCCCGGGAGCTGCACGC	180
Db	121	GGCCCTGGCCGAGTGCCTCCCTCCCGGGCTTTCGCTTCGCTCTTTCCCGGGAGCTGCACGC	180
Qy	181	CATCTACGGAGAGTCCGCCCTTTTACCTGACCCAGCCAGCCGCTCCAGGTTACCGC	240
Db	181	CATCTACGGAGAGTCCGCCCTTTTACCTTGAACGGCAACCGCTCCAGGTTACCGC	240
Qy	241	TATCGTCAAAGTACTGGTTGGGTGGCCACAGACCCCTTGAGCTATGTTAGCATGTACAGAA	300
Db	241	TATCGTCAAAGTACTGGTTGGGTGGCCACAGACCCCTTGACTATGTTAGCATGTACAGAA	300
Qy	301	TGTGGGAGCCCTTCTGTACATCCCGAGCATGGCACTACATCAGCTTCGCGCTGAG	360
Db	301	TGTGGGAGCCCTTCTGTAACTCCCGAGCATGGCACTACATCAGCTTCGCGCTGAG	360
Qy	361	TGATCTCTATGGTGACAAACAGATCCATGAGTTTACAGGAACAGATGAGCTTGT	420
Db	361	TGATCTCTATGGTGACAAACAGATCCATGAGTTTACAGGAACAGATGAGCTTGT	420
Qy	421	TGGCTTTGAGTTGACCTTTTCGTCTGAAGAGAGAAACTGGGAGTCTGCCACCACCATG	480
Db	421	TGGCTTTGAGTTGACCTTTTCGTCTGAAGAGAGAAACTGGGAGTCTGCCACCACCATG	480
Qy	481	GCCCGCAGAGTTAATGCAGGCTTGGCACGATACGTGTTCCAGTCAGAAACACCTTCTG	540
Db	481	GCCCGCAGAGTTAATGCAGGCTTGGCACGATACGTGTTCCAGTCAGAAACACCTTCTG	540
Qy	541	CAGTGGGAGCAATGTGCTGGCAAGCCCTTTGGATAACAGTGAAGTTCAGCA	600
Db	541	CAGTGGGAGCAATGTGCTGGCAAGCCCTTTGGATAACAGTGAAGTTCAGCA	600
Qy	601	CATGCTGTCAGACAGAGACCCACAGATGCAGCCGTCAGACACCTTTGGGGTAGTTAC	660
Db	601	CATGCTGTCAGACAGAGACCCACAGATGCAGCCGTCAGACACCTTTGGGGTAGTTAC	660
Qy	661	CTTCCTCCAGATCGTTGGTGTCTGCCTGAAGAGCTACCTCAGCCAGCAGTGGAAACGG	720
Db	661	CTTCCTCCAGATCGTTGGTGTCTGCCTGAAGAGCTACCTCAGCCAGCAGTGGAAACGG	720
Qy	721	GCAGGACATCTGAGCTGTGCGGACAGTGCCTATTGCTGGCGGCCCTGGCTGATAAC	780
Db	721	GCAGGACATCTGAGCTGTGCGGACAGTGCCTATTGCTGGCGGCCCTGGCTGATAAC	780
Qy	781	TGACATGCGAGGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGAGTTGA	840
Db	781	TGACATGCGAGGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGAGTTGA	840
Qy	841	CAAAAGGATCGAGACAGATGGCTCAACCTGAGTGGTGTGATGCCCAAGTGTGCCCTGGGA	900
Db	841	CAAAAGGATCGAGACAGATGGCTCCAACTGAGTGGTGTGATGCCCAAGTGTGCCCTGGGA	900
Qy	901	TGACCTGAGCCGGCCCCCGAGGATGACGAGGACGCGGAGCATCTGCAATCGGCACACA	960
Db	901	TGACCTGAGCCGGCCCCCGAGGATGACGAGGACGCGGAGCATCTGCAATCGGCACACA	960
Qy	961	GCCCGGCGACTCTCTGGCAAGACACAGAGCAGATCCGGAGACCTTGAGGAGAGGACT	1020
Db	961	GCCCGGCGACTCTCTGGCAAGACACAGAGCAGATCCGGAGACCTTGAGGAGAGGACT	1020
Qy	1021	CGAGATCAAAGCAAAACCTGTCTTCACCAATCAAACCTCAGCGGAGAGTGGCTTCGC	1080
Db	1021	CGAGATCAAAGCAAAACCTGTCTTCACCAATCAAACCTCAGCGGAGAGTGGCTTCGC	1080
Qy	1081	CCACGACCGGCCCCCGAGCGCAAGACAGCTCTGGAAAGTGAAGCTCCACGCCATCAT	1140
Db	1081	CCACGACCGGCCCCCGAGCGCAAGACAGCTCTGGAAAGTGAAGCTCCACGCCATCAT	1140
Qy	1141	TCCCCATGAGCTGATTCGCAACGGCAGCTTGAGAGCGTACATCTGAAATTCACACAGGA	1200
Db	1141	TCCCCATGAGCTGATTCGCAACGGCAGCTTGAGAGCGTACATCTGAAATTCACACAGGA	1200
Qy	1201	GTCGGAGCCCTCATTCCTCTCTGCTTAAGGGGAGCGCTCCTGATCGAGCGGCACTTTAC	1260

1201	Db	GTCCGGAGCCCTCATTTCTCTCTGCTTAAGGGCGAGCTCTCTCATGGACGGCACTTTAC	1260
1261	Qy	ATATAAAGATGATCACAGGTGACATGGCCATCAGTTTGCTCTCACGGGAGTGGAAAGCGC	1320
1261	Db	ATATAAAGATGATCACAGGTGACATGGCCATCAGTTTGCTCTCACGGGAGTGGAAAGCGC	1320
1321	Qy	CTTTGGCACTGAGGAGCATCTTACGCGGCTCATGGACCTGTGTTACACTCTGAACCTA	1380
1321	Db	CTTTGGCACTGAGGAGCATCTTACGCGGCTCATGGACCTGTGTTACACTCTGAACCTA	1380
1381	Qy	TCCTTCGGAGCTCTGCCCTCCCGTCTCTGGAAAGCTCTTTCTGCCCTGAGGAGAGGTAGTCA	1440
1381	Db	TCCTTCGGAGCTCTGCCCTCCCGTCTCTGGAAAGCTCTTTCTGCCCTGAGGAGAGGTAGTCA	1440
1441	Qy	GCATCTCCAAATTTTCAGCAGCTCAAGAACTTTGGCCCCCACAGGACTTCGCAGATGTCAC	1500
1441	Db	GCATCTCCAAATTTTCAGCAGCTCAAGAACTTTGGCCCCCACAGGACTTCGCAGATGTCAC	1500
1501	Qy	ATTGGCCCTCAGTCCCTGTAATGCCCTTCGGAGCCCAACCCCAATTCGCCAAGCCCTGAC	1560
1501	Db	ATTGGCCCTCAGTCCCTGTAATGCCCTTCGGAGCCCAACCCCAATTCGCCAAGCCCTGAC	1560
1561	Qy	CCCTAGTCTCCGGGGTTCCCACTCCCACTGTCACAAACCCCTTCACCTCCCTGGCAGCC	1620
1561	Db	CCCTAGTCTCCGGGGTTCCCACTCCCACTGTCACAAACCCCTTCACCTCCCTGGCAGCC	1620
1621	Qy	CCTCAGGAGCCTGAGGCCACAGCACCCGTGGCTCCCGACGACATGGTCCCTCCCAATGG	1680
1621	Db	CCTCAGGAGCCTGAGGCCACAGCACCCGTGGCTCCCGACGACATGGTCCCTCCCAATGG	1680
1681	Qy	GCTGTTTGCCACAGGAACCGGGGGCGGTGGGAACGAGCTGCTGGCTTCGGCATGTTTCAA	1740
1681	Db	GCTGTTTGCCACAGGAACCGGGGGCGGTGGGAACGAGCTGCTGGCTTCGGCATGTTTCAA	1740
1741	Qy	TAAAGTTGCTGTGCTGGGAG	1760
1741	Db	TAAAGTTGCTGTGCTGGGAG	1760

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RESULT 10
US-10-140-474-5
; Sequence 5, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deronge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien

```





APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C251  
CURRENT APPLICATION NUMBER: US/10/142,431  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 5  
LENGTH: 1760  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-142-431-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCCGCTGCCCCGTCAGTGTCTCTCCCGCTCGTTTGGCCCTCTCCAGTTCGCCCAAGTGCCTGC 60  
DB 1 CCCGCTGCCCCGTCAGTGTCTCTCCCGCTCGTTTGGCCCTCTCCAGTTCGCCCAAGTGCCTGC 60  
QY 61 CTTAGCACCCTGATGGGGAGCTGGGCTAGCGGCGCCCGCCCGCCCGCCCGCCCGCCCGCC 120  
DB 61 CTTAGCACCCTGATGGGGAGCTGGGCTAGCGGCGCCCGCCCGCCCGCCCGCCCGCCCGCC 120  
QY 121 GGGCCCTGGCCGACTGCCCCCGCCCGCCCTGCTTGGCTCTTTTCCCGGGACTGCAAGC 180  
DB 121 GGGCCCTGGCCGACTGCCCCCGCCCGCCCTGCTTGGCTCTTTTCCCGGGACTGCAAGC 180  
QY 181 CATCTACGGAGAGTCCCGCGCTTTTACCTGACAGCCGAAACCCGCTCAGGTTACCGC 240  
DB 181 CATCTACGGAGAGTCCCGCGCTTTTACCTGACAGCCGAAACCCGCTCAGGTTACCGC 240  
QY 241 TATCGTCAAGTACTGGTTGGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGAA 300  
DB 241 TATCGTCAAGTACTGGTTGGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGAA 300  
QY 301 TGTGGGAGCCCTTCTGTAACATCCCGAGCACTGGCACTACATCACTTGGCCCTGAG 360  
DB 301 TGTGGGAGCCCTTCTGTAACATCCCGAGCACTGGCACTACATCACTTGGCCCTGAG 360  
QY 361 TGATCTCTATGTCACAGAGTCCATGAGTTTACAGGACAGTGGACTAGTGGTTT 420  
DB 361 TGATCTCTATGTCACAGAGTCCATGAGTTTACAGGACAGTGGACTAGTGGTTT 420  
QY 421 TGGCTTTGAGTTGACCTTTCGTCTGAAGAGAACTGGGAGTCTGCCCAACCAATG 480  
DB 421 TGGCTTTGAGTTGACCTTTCGTCTGAAGAGAACTGGGAGTCTGCCCAACCAATG 480  
QY 481 GCGCCGAGAGTTAATGCGAGCTTGGGACGATAGTGTTCAGTTCAGAGAACCTTCTG 540  
DB 481 GCGCCGAGAGTTAATGCGAGCTTGGGACGATAGTGTTCAGTTCAGAGAACCTTCTG 540  
QY 541 CAGTGGGAGCACTGTCTTGGCAGAGCCCTTGGATAACAGTGGATCAAGAAATTCAGCA 600  
DB 541 CAGTGGGAGCACTGTCTTGGCAGAGCCCTTGGATAACAGTGGATCAAGAAATTCAGCA 600  
QY 601 CATGCTGTGACAGAGGACCCACAGATGACCCCGTGCAGACACCTTTGGGGTAGTTAC 660  
DB 601 CATGCTGTGACAGAGGACCCACAGATGACCCCGTGCAGACACCTTTGGGGTAGTTAC 660  
QY 661 CTTCTCCAGATCGTTGGTGTCTGCTGACAGAGCTACCTCAGCCAGAGTGGAAACGG 720  
DB 661 CTTCTCCAGATCGTTGGTGTCTGCTGACAGAGCTACCTCAGCCAGAGTGGAAACGG 720  
QY 721 GCAGGGCATCTGGAGCTGCTGCGACAGTCCCTATTGCTGGCGGCCCTGGCTGATAAC 780  
DB 721 GCAGGGCATCTGGAGCTGCTGCGACAGTCCCTATTGCTGGCGGCCCTGGCTGATAAC 780  
QY 781 TCACATCGGGGGGAGAGACCATATTTTGGATCGATCCACCTGCAAGAGAGAGTTGA 840

RESULT 12

US-10-143-114-5

; Sequence 5, Application US/10143114

; Publication No. US20030036180A1

; GENERAL INFORMATION:

DB 781 TGACATGCGGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGAGTTGA 840  
QY 841 CAAAGGCATCGAGACAGATGGCTCCAACTGAGTGGTGTGAGTCCAAAGTGGCTGGGA 900  
DB 841 CAAAGGCATCGAGACAGATGGCTCCAACTGAGTGGTGTGAGTCCAAAGTGGCTGGGA 900  
QY 901 TGACCTGAGCGCGCCCGGAGGATGACGAGACAGCCGGAGCATCTGTCATCGGCACACA 960  
DB 901 TGACCTGAGCGCGCCCGGAGGATGACGAGACAGCCGGAGCATCTGTCATCGGCACACA 960  
QY 961 GCGCCGCGACTCTCTGSCAAAGACACAGACAGATCCGGGAGACCTGTGAGGAGAGACT 1020  
DB 961 GCGCCGCGACTCTCTGSCAAAGACACAGACAGATCCGGGAGACCTGTGAGGAGAGACT 1020  
QY 1021 CGAGATCAACAGCAACCTGTCTTCCACCAATCAACCTCAGCGGAGAAATGGCTCGC 1080  
DB 1021 CGAGATCAACAGCAACCTGTCTTCCACCAATCAACCTCAGCGGAGAAATGGCTCGC 1080  
QY 1081 CCAAGACCGCGCCCGGAGCGCAAGACAGCTCGAAAGTGACAGCTCCACGCGCATCAT 1140  
DB 1081 CCAAGACCGCGCCCGGAGCGCAAGACAGCTCGAAAGTGACAGCTCCACGCGCATCAT 1140  
QY 1141 TCCCATGAGCTGATTCGCAACGCGCAGCTTGAGAGCGTACATCTGAAATTCACACAGA 1200  
DB 1141 TCCCATGAGCTGATTCGCAACGCGCAGCTTGAGAGCGTACATCTGAAATTCACACAGA 1200  
QY 1201 GTCCGAGCCCTCATTCTCTCTGCTTAAGGGGAGGCTCTGCAATGAGACGGCATTTAC 1260  
DB 1201 GTCCGAGCCCTCATTCTCTCTGCTTAAGGGGAGGCTCTGCAATGAGACGGCATTTAC 1260  
QY 1261 ATATAAAGTATCAGAGTGATGAGCATGAGCTTGTCTCCAGCGGAGTGGAGGGCG 1320  
DB 1261 ATATAAAGTATCAGAGTGATGAGCATGAGCTTGTCTCCAGCGGAGTGGAGGGCG 1320  
QY 1321 CTTTGGCACTGAGGAGCATCTTACGCGGCTCATGGAACCTGGTTTACAACTCTGAACCTA 1380  
DB 1321 CTTTGGCACTGAGGAGCATCTTACGCGGCTCATGGAACCTGGTTTACAACTCTGAACCTA 1380  
QY 1381 TCTTGGAGCTGTGCTTCCGCTCTGGAACCTGCTTCTGCGCTGAGGAGGGTAGTCA 1440  
DB 1381 TCTTGGAGCTGTGCTTCCGCTCTGGAACCTGCTTCTGCGCTGAGGAGGGTAGTCA 1440  
QY 1441 GCATCTCCAAATTTTTCAGAGCTCAAGAACCTTGGCCCCCAGAGGACTTTCGAGATGTAC 1500  
DB 1441 GCATCTCCAAATTTTTCAGAGCTCAAGAACCTTGGCCCCCAGAGGACTTTCGAGATGTAC 1500  
QY 1501 ATTGCCCCCTCAGTCCCTGAAATGCTTGGACCCAAACCCCAATTCGCCAAGCCCTGAC 1560  
DB 1501 ATTGCCCCCTCAGTCCCTGAAATGCTTGGACCCAAACCCCAATTCGCCAAGCCCTGAC 1560  
QY 1561 CCGCTAGCTGCGGGGTTCCCACTCCAGTGCCCAACCCCTCAGCTCCCTGCGAGCC 1620  
DB 1561 CCGCTAGCTGCGGGGTTCCCACTCCAGTGCCCAACCCCTCAGCTCCCTGCGAGCC 1620  
QY 1621 CTTTCCAGGAGCTGAGGCGCCAGCAGCTGCTGCTCCAGGACATGCTGCTCCCATGG 1680  
DB 1621 CTTTCCAGGAGCTGAGGCGCCAGCAGCTGCTGCTCCAGGACATGCTGCTCCCATGG 1680  
QY 1681 GCTGTGCCCCAGGAAACCGGGCGGGTGGGAAACGAGCTGCTGGCTCGGCATGTTTCAA 1740  
DB 1681 GCTGTGCCCCAGGAAACCGGGCGGGTGGGAAACGAGCTGCTGGCTCGGCATGTTTCAA 1740  
QY 1741 TAAAGTTGCTGTGCTGGGAG 1760  
DB 1741 TAAAGTTGCTGTGCTGGGAG 1760



```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-143-114-5

Query Match      100.0%; Score 1760; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGCGTGGCCGCTGAGTGTCTCCCGTGTGCTTGGCCCTCTCCAGTTCCCGAGTGCTGC 60
DB 1 CCGCGTGGCCGCTGAGTGTCTCCCGTGTGCTTGGCCCTCTCCAGTTCCCGAGTGCTGC 60

QY 61 CCTACGACCCCGATGGCGAGCTGGCGCTAGCGCGCCCGCGGCCCGCCCGCCCGCC 120
DB 61 CCTACGACCCCGATGGCGAGCTGGCGCTAGCGCGCCCGCGGCCCGCCCGCCCGCC 120

QY 121 GGCCCTGGCCGAGTGCCTCCCGCCCGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGG 180
DB 121 GGCCCTGGCCGAGTGCCTCCCGCCCGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGG 180

QY 181 CATCTACGAGAGTGGCGCGCTTTACCTGACGAGCGAACCCTCCAGGTTACCGC 240
DB 181 CATCTACGAGAGTGGCGCGCTTTACCTGACGAGCGAACCCTCCAGGTTACCGC 240

QY 241 TATCGTCAAGTACTGGTGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAA 300
DB 241 TATCGTCAAGTACTGGTGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAA 300

QY 301 TGTGGGAGCCCTTCTGCTAACTCCCGAGAGACTGGGACTACATGAGCTTGGGCTGAG 360
DB 301 TGTGGGAGCCCTTCTGCTAACTCCCGAGAGACTGGGACTACATGAGCTTGGGCTGAG 360

QY 361 TGATCTCTATGTGTGACACAGAGTCCATGAGTTTACAGGAAACAGATGGACCTAGTGT 420
DB 361 TGATCTCTATGTGTGACACAGAGTCCATGAGTTTACAGGAAACAGATGGACCTAGTGT 420

QY 421 TGGCTTTGAGTTGACCTTTGCTGTAAGAGAGAACTGGGGAGTCTGCCCAACCAATG 480
DB 421 TGGCTTTGAGTTGACCTTTGCTGTAAGAGAGAACTGGGGAGTCTGCCCAACCAATG 480

QY 481 GCCCGCAGAGTTAATCAGGGCTTGGCAGATACGTTGCTCCAGTCAGAGAACCTTCTG 540
DB 481 GCCCGCAGAGTTAATCAGGGCTTGGCAGATACGTTGCTCCAGTCAGAGAACCTTCTG 540

QY 541 CAGTGGGGCCCATGTGTCTCTGGCAGACGCCCTTTGGATAACAGTGTCAAGAAATTCAGCA 600
DB 541 CAGTGGGGCCCATGTGTCTCTGGCAGACGCCCTTTGGATAACAGTGTCAAGAAATTCAGCA 600
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QY 601 CATGCTGCTGACAGAGACCCACAGATGCAGCCCGTGCAGACACCCCTTTGGGGTAGTTAC 660
DB 601 CATGCTGCTGACAGAGACCCACAGATGCAGCCCGTGCAGACACCCCTTTGGGGTAGTTAC 660

QY 661 CTTCTCCAGATCGTTGGTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
DB 661 CTTCTCCAGATCGTTGGTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720

QY 721 GCAGGGCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
DB 721 GCAGGGCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780

QY 781 TGACATGCGGAGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGTTGA 840
DB 781 TGACATGCGGAGGGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGTTGA 840

QY 841 CAAGGACATCCAGACAGATGGCTCCAACTGAGTGGTGTGAGTCCAGTCCAGTCCCTGGGA 900
DB 841 CAAGGACATCCAGACAGATGGCTCCAACTGAGTGGTGTGAGTCCAGTCCAGTCCCTGGGA 900

QY 901 TGACCTGAGCCGCGCCCGCGAGGATGACGAGGACAGCGGAGCATCTGCATCGGCACACA 960
DB 901 TGACCTGAGCCGCGCCCGCGAGGATGACGAGGACAGCGGAGCATCTGCATCGGCACACA 960

QY 961 GCCCGGCGACTCTCTGGCAAGACACAGACAGATCCGGGAGACCTTGAGGAGAGACT 1020
DB 961 GCCCGGCGACTCTCTGGCAAGACACAGACAGATCCGGGAGACCTTGAGGAGAGACT 1020

QY 1021 CGAGATCAACAGCAAACTGTCTTCCCAACCAATCAACCCCTCAGCGGAGATGGCTTCGC 1080
DB 1021 CGAGATCAACAGCAAACTGTCTTCCCAACCAATCAACCCCTCAGCGGAGATGGCTTCGC 1080

QY 1081 CCAGACGGGCGCGGAGCGCGCAAGACAGCGCTGGAAAGTGAAGCTCCAGCGGCATCAT 1140
DB 1081 CCAGACGGGCGCGGAGCGCGCAAGACAGCGCTGGAAAGTGAAGCTCCAGCGGCATCAT 1140

QY 1141 TCCCATGAGCTGATTTCGACGGCGGAGCTTGAGAGGCTACATCTGAAATTCACACAGGA 1200
DB 1141 TCCCATGAGCTGATTTCGACGGCGGAGCTTGAGAGGCTACATCTGAAATTCACACAGGA 1200

QY 1201 GTCCGAGGCTCTATCTCTCTGCTTAAGGGGAGGCTCTGCTGATGAGAGGAGGCTTTAC 1260
DB 1201 GTCCGAGGCTCTATCTCTCTGCTTAAGGGGAGGCTCTGCTGATGAGAGGAGGCTTTAC 1260

QY 1261 ATATAAAGTATCACAGGTGACATGGCCATCAGCTTTGTCTCCACGGGAGTGGAGGCGC 1320
DB 1261 ATATAAAGTATCACAGGTGACATGGCCATCAGCTTTGTCTCCACGGGAGTGGAGGCGC 1320

QY 1321 CTTTGGCCACTGAGAGGATCCTTACGCGGCTCATGGAACCTTGTTTACAACCTCTGAACCTA 1380
DB 1321 CTTTGGCCACTGAGAGGATCCTTACGCGGCTCATGGAACCTTGTTTACAACCTCTGAACCTA 1380

QY 1381 TCCTCGGAGCTCTGCCCTCCGCTCTGGAAGCTTTCTGCTGCTGAGGAGGAGGAGTAGTCA 1440
DB 1381 TCCTCGGAGCTCTGCCCTCCGCTCTGGAAGCTTTCTGCTGCTGAGGAGGAGGAGTAGTCA 1440

QY 1441 GCATCTCCAAATTTTCAGCAGCTCAAGAACTTGCGCCCGCCACAGGACTTCGACAGTGTAC 1500
DB 1441 GCATCTCCAAATTTTCAGCAGCTCAAGAACTTGCGCCCGCCACAGGACTTCGACAGTGTAC 1500

QY 1501 ATTGCCCTCAGTCCCTGAAATGCCCTTCGGAACCAACCCCAATTCGCCAAGCCCTTGAC 1560
DB 1501 ATTGCCCTCAGTCCCTGAAATGCCCTTCGGAACCAACCCCAATTCGCCAAGCCCTTGAC 1560

QY 1561 CCCCTAGCTCGGGGTTCCCACTCCAGTGCCACACACCCCTCCCTCCCTCCCTGGCAGCC 1620
DB 1561 CCCCTAGCTCGGGGTTCCCACTCCAGTGCCACACACCCCTCCCTCCCTCCCTGGCAGCC 1620

QY 1621 CCTCAGGAGGCTGAGGCCCGCAGCACCGCTGGCTCCCGCAGCACATGTGCCCTCCCATGG 1680
DB 1621 CCTCAGGAGGCTGAGGCCCGCAGCACCGCTGGCTCCCGCAGCACATGTGCCCTCCCATGG 1680
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Db 1441 GCATCTCCAAATTTTCAGCAGCTCAAGAACTTGGCCCCCACAAGGACTTCGCAGATGTAC 1500
Qy 1501 ATTGCCCTCAGTCCCTGAAATCCCTTCGGACCCCAACCCCAATTCGCCAAGCCCTGAC 1560
Db 1501 ATTGCCCTCAGTCCCTGAAATCCCTTCGGACCCCAACCCCAATTCGCCAAGCCCTGAC 1560
Qy 1561 CCCTAGCTGCCGGGTTCCTCCACTCCAGTGCACAAACCCCTCACCTCCCTTGGCAGCC 1620
Db 1561 CCCTAGCTGCCGGGTTCCTCCACTCCAGTGCACAAACCCCTCACCTCCCTTGGCAGCC 1620
Qy 1621 CCTCAGCAGCCCTGAGGCCCAGACCCCGTGGCTCCCCAGCAGCATGGTCCCTCCCATGG 1680
Db 1621 CCTCAGCAGCCCTGAGGCCCAGACCCCGTGGCTCCCCAGCAGCATGGTCCCTCCCATGG 1680
Qy 1681 GCTGTGTCAGGAACCGGGCGCGTGGGAACGAGCTGCTGGCCCTCGGCATGTTTCAA 1740
Db 1681 GCTGTGTCAGGAACCGGGCGCGTGGGAACGAGCTGCTGGCCCTCGGCATGTTTCAA 1740
Qy 1741 TAAAGTTGCTGCTGGGAG 1760
Db 1741 TAAAGTTGCTGCTGGGAG 1760

RESULT 14
US-10-142-419-5
; Sequence 5, Application US/10142419
; Publication No. US20030044945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-419-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCGCTGGCCCGTCAGTGTCTCCCGTGTGCTTTGGCCCTCTCCAGTTCCCCCAAGTGCCTGC 60
Db 1 CCGCTGGCCCGTCAGTGTCTCCCGTGTGCTTTGGCCCTCTCCAGTTCCCCCAAGTGCCTGC 60
Qy 61 CCTACGCACCCCGATGGCGAGTGGCGCTAGCGGCGCCCGGCCCGCCACCGCGCCCC 120
Db 61 CCTACGCACCCCGATGGCGAGTGGCGCTAGCGGCGCCCGGCCCGCCACCGCGCCCC 120
Qy 121 GGCCCTTGGCCCGACTGCCCGCCCGGCTTGGCTTCTGCTTCTTCCCGCGGAGTGCACGC 180
Db 121 GGCCCTTGGCCCGACTGCCCGCCCGGCTTGGCTTCTGCTTCTTCCCGCGGAGTGCACGC 180
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Db 1021 CGAGATCAACAGCAAACTGTCTCTTCCACCAATCAACCTCAGCGGCAGAAATGGCTCGC 1080  
QY 1081 CCACAGCCGGGCCCCGAGCCGCAAGACAGACCTTGGAAAGTGACAGCTCCACGGCCCATCAT 1140  
Db 1081 CCACAGCCGGGCCCCGAGCCGCAAGACAGACCTTGGAAAGTGACAGCTCCACGGCCCATCAT 1140  
QY 1141 TCCCCATGAGCTGANTTCGACACGGCAGCTTGAGAGCGTACATCTGAAATTCACACAGGA 1200  
Db 1141 TCCCCATGAGCTGANTTCGACACGGCAGCTTGAGAGCGTACATCTGAAATTCACACAGGA 1200  
QY 1201 GTCCGAGCCCTCATTTCTCTCTGCTAAGGGGCGAGGCTCCCTGATGAGCGGCACTTTTAC 1260  
Db 1201 GTCCGAGCCCTCATTTCTCTCTGCTAAGGGGCGAGGCTCCCTGATGAGCGGCACTTTTAC 1260  
QY 1261 ATATAAAGTATCACAGGTGACATGGCCATACGTTTGTCTCCACGGGAGTGAAGGCGC 1320  
Db 1261 ATATAAAGTATCACAGGTGACATGGCCATACGTTTGTCTCCACGGGAGTGAAGGCGC 1320  
QY 1321 CTTTGCACATGAGGACATCTTACCGGCTCATGAGCCCTGTTTACACTCTGAACCTA 1380  
Db 1321 CTTTGCACATGAGGACATCTTACCGGCTCATGAGCCCTGTTTACACTCTGAACCTA 1380  
QY 1381 TCCTCGGAGCTCTGCCCTCCCGTCTGGAAAGCTTTCTTCTGCCCTGAGGAGGGTAGTCA 1440  
Db 1381 TCCTCGGAGCTCTGCCCTCCCGTCTGGAAAGCTTTCTTCTGCCCTGAGGAGGGTAGTCA 1440  
QY 1441 GCATCTCCAATTTTACAGAGCTCAAGAACCTTGGCCCCCAGAGGACTTCGACAGATGTAC 1500  
Db 1441 GCATCTCCAATTTTACAGAGCTCAAGAACCTTGGCCCCCAGAGGACTTCGACAGATGTAC 1500  
QY 1501 ATTGCCCTCAGTCCCTGATGCTGCTCGGACCCCAACCCCAATTCGCCCAAGCCCTGAC 1560  
Db 1501 ATTGCCCTCAGTCCCTGATGCTGCTCGGACCCCAACCCCAATTCGCCCAAGCCCTGAC 1560  
QY 1561 CCCCTAGCTGCGGGGTTCCCACTCCCACTGCGACCAACCCCTCACCCTCCCTGGCAGCC 1620  
Db 1561 CCCCTAGCTGCGGGGTTCCCACTCCCACTGCGACCAACCCCTCACCCTCCCTGGCAGCC 1620  
QY 1621 CCTCAGGAGCCTGAGGCCCCAGCACCCGCTGGCTCCCAAGCACATGGTCCCTCCCATGG 1680  
Db 1621 CCTCAGGAGCCTGAGGCCCCAGCACCCGCTGGCTCCCAAGCACATGGTCCCTCCCATGG 1680  
QY 1681 GCTGTTGCCAGGGAACCGGGGCGGTTGGGAACGAGCTGCTGGCCTCGGCATGTTTCAA 1740  
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QY 1741 TAAAGTTGCTGCTGGAG 1760  
Db 1741 TAAAGTTGCTGCTGGAG 1760

Search completed: November 22, 2004, 06:48:09  
Job time : 2384.8 secs





1	PRIOR APPLICATION NUMBER: 60/073612
2	PRIOR FILING DATE: 1998-02-04
3	PRIOR APPLICATION NUMBER: 60/074086
4	PRIOR FILING DATE: 1998-02-09
5	PRIOR APPLICATION NUMBER: 60/074092
6	PRIOR FILING DATE: 1998-02-09
7	PRIOR APPLICATION NUMBER: 60/077791
8	PRIOR FILING DATE: 1998-03-12
9	PRIOR APPLICATION NUMBER: 60/078910
10	PRIOR FILING DATE: 1998-03-20
11	PRIOR APPLICATION NUMBER: 60/079294
12	PRIOR FILING DATE: 1998-03-25
13	PRIOR APPLICATION NUMBER: 60/079663
14	PRIOR FILING DATE: 1998-02-27
15	PRIOR APPLICATION NUMBER: 60/079728
16	PRIOR FILING DATE: 1998-03-27
17	PRIOR APPLICATION NUMBER: 60/080165
18	PRIOR FILING DATE: 1998-03-31
19	PRIOR APPLICATION NUMBER: 60/081200
20	PRIOR FILING DATE: 1998-04-09
21	PRIOR APPLICATION NUMBER: 60/081229
22	PRIOR FILING DATE: 1998-04-09
23	PRIOR APPLICATION NUMBER: 60/081695
24	PRIOR FILING DATE: 1998-04-14
25	PRIOR APPLICATION NUMBER: 60/081817
26	PRIOR FILING DATE: 1998-04-15
27	PRIOR APPLICATION NUMBER: 60/081818
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57	PRIOR APPLICATION NUMBER: 60/086430
58	PRIOR FILING DATE: 1998-05-22
59	PRIOR APPLICATION NUMBER: 60/087106
60	PRIOR FILING DATE: 1998-05-28
61	PRIOR APPLICATION NUMBER: 60/088026
62	PRIOR FILING DATE: 1998-06-04
63	PRIOR APPLICATION NUMBER: 60/088730
64	PRIOR FILING DATE: 1998-06-10
65	PRIOR APPLICATION NUMBER: 60/088741
66	PRIOR FILING DATE: 1998-06-10
67	PRIOR APPLICATION NUMBER: 60/088810
68	PRIOR FILING DATE: 1998-06-10
69	PRIOR APPLICATION NUMBER: 60/088858
70	PRIOR FILING DATE: 19/98-06-11
71	PRIOR APPLICATION NUMBER: 60/089532
72	PRIOR FILING DATE: 1998-06-17
73	PRIOR APPLICATION NUMBER: 60/089599



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; PRIOR APPLICATION NUMBER: 60/089907
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; PRIOR APPLICATION NUMBER: 60/089947
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; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match      100.0%; Score 1299; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB      74  ATGGGGAGCTGGGCTAGCGCGCGCCCGCGCCCAACCGCGCCCGCGCCCGCGCGCGCGCG 133

QY      61  ACTGCCCGCGCGCTTCGCTTCGCTTCCTCCCGGGGACTCGACGCCATCTACGGAGAG 120
DB      134  ACTGCCCGCGCGCTTCGCTTCGCTTCCTCCCGGGGACTCGACGCCATCTACGGAGAG 193

QY      121  TSCCGCGCGCTTACCTGACGAGCGCGCGCCCGCTCCAGGTACCGCTATGTCAGATAC 180
DB      194  TCGCGCGCGCTTACCTGACGAGCGCGCGCCCGCTCCAGGTACCGCTATGTCAGATAC 253

QY      181  TGGTGGGTGGCGCGCGCGCGCTTGGACTATGTTAGCATGTACAGAAATGTGGGGAGCCCT 240
DB      254  TGGTGGGTGGCGCGCGCGCGCTTGGACTATGTTAGCATGTACAGAAATGTGGGGAGCCCT 313

QY      241  TGTGTTAACTCCCGGAGCTGGGACTACATACATCAGCTTCGGGCTGAGTGTCTATCGT 300
DB      314  TGTGTTAACTCCCGGAGCTGGGACTACATACATCAGCTTCGGGCTGAGTGTCTATCGT 373

QY      301  GACACAGAGTCCATGAGTTTACAGGAACAGATGACCTAGTGGTGTGCTTTCAGTTG 360
DB      374  GACACAGAGTCCATGAGTTTACAGGAACAGATGACCTAGTGGTGTGCTTTCAGTTG 433

QY      361  ACTTTTCGTGAAGAGAGAACTGGGGAGTCTGCCCGACCAACATGGCCCGCGCAGATTA 420
DB      434  ACTTTTCGTGAAGAGAGAACTGGGGAGTCTGCCCGACCAACATGGCCCGCGCAGATTA 493

QY      421  ATGCAGGGCTGGCAGATACGTTTCCAGTACAGAAACACCTTCGAGTGGGAGCCAT 480
DB      494  ATGCAGGGCTGGCAGATACGTTTCCAGTACAGAAACACCTTCGAGTGGGAGCCAT 553

QY      481  GTGTCTCGGCACAGCCCTTTGGATAACAGTGTAGTCAAGAAATTCAGACATGTGTGTACA 540
DB      554  GTGTCTCGGCACAGCCCTTTGGATAACAGTGTAGTCAAGAAATTCAGACATGTGTGTACA 613

QY      541  GAGGACCCACAGATGACCGCGTGCAGACACCTTTGGGGTAGTTACCTTCTCCAGATC 600
DB      614  GAGGACCCACAGATGACCGCGTGCAGACACCTTTGGGGTAGTTACCTTCTCCAGATC 673

QY      601  GTTGGTGTCTGACTGAAGAGCTTACACTCAGCCCGAGTGGAAACGGGAGGCGATCTCTG 660
DB      674  GTTGGTGTCTGACTGAAGAGCTTACACTCAGCCCGAGTGGAAACGGGAGGCGATCTCTG 733

QY      661  GAGCTGTGGGAGCAGTGCCTATGCTGGCGGCGCTTGGCTGATTAACATGACATGGCGAGG 720
DB      734  GAGCTGTGGGAGCAGTGCCTATGCTGGCGGCGCTTGGCTGATTAACATGACATGGCGAGG 793
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QY      721  GGAGAGACCATATTTGAGTCCGATCCACACCTGCAAGAGAGAGCTTGACAAAGGCATCGAG 780
DB      794  GGAGAGACCATATTTGAGTCCGATCCACACCTGCAAGAGAGAGCTTGACAAAGGCATCGAG 853

QY      781  ACAGATGGCTCCAACTGAGTGTGTGAGTGCCAAAGTGTGCTGGAGTGAAGCTGAGCGCG 840
DB      854  ACAGATGGCTCCAACTGAGTGTGTGAGTGCCAAAGTGTGCTGGAGTGAAGCTGAGCGCG 913

QY      841  CCCCCGAGATGACGAGGACGCGGAGCATCTGATCGGCACACAGACCCCGCGGACTC 900
DB      914  CCCCCGAGATGACGAGGACGCGGAGCATCTGATCGGCACACAGACCCCGCGGACTC 973

QY      901  TCTGGCAAAAGACACAGAGCAGATCCCGGAGACCCCTGAGGAGAGGACTTCGAGATCAACAGC 960
DB      974  TCTGGCAAAAGACACAGAGCAGATCCCGGAGACCCCTGAGGAGAGGACTTCGAGATCAACAGC 1033

QY      961  AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGATGGCCCTCGCCACGACCGGCGC 1020
DB      1034  AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGATGGCCCTCGCCACGACCGGCGC 1093

QY      1021  CCGAGCGCAAAAGACACAGCCTGGAAAGTGACAGCTCCACGCGCCATCATTTCCCATGAGCTG 1080
DB      1094  CCGAGCGCAAAAGACACAGCCTGGAAAGTGACAGCTCCACGCGCCATCATTTCCCATGAGCTG 1153

QY      1081  ATTGCGACGCGGAGCTTGAGAGCGGTACATCTGAAATTCACAGGAGTCCGAGCGCCTC 1140
DB      1154  ATTGCGACGCGGAGCTTGAGAGCGGTACATCTGAAATTCACAGGAGTCCGAGCGCCTC 1213

QY      1141  ATTCTCTCTGCTTAAGGGGCGAGCTCTCTGATGGAGCGGACCTTTACATATAAAGTATC 1200
DB      1214  ATTCTCTCTGCTTAAGGGGCGAGCTCTCTGATGGAGCGGACCTTTACATATAAAGTATC 1273

QY      1201  ACAGGTGACATGGCCATCAGCTTTGTCTCCACGGGAGTGAAGCGCGCTTTGCCACTGAG 1260
DB      1274  ACAGGTGACATGGCCATCAGCTTTGTCTCCACGGGAGTGAAGCGCGCTTTGCCACTGAG 1333

QY      1261  GAGCATCTTACGGGCTCATGACCCCTGTTAACTC 1299
DB      1334  GAGCATCTTACGGGCTCATGACCCCTGTTAACTC 1372

RESULT 2
US-10-140-808-5
; Sequence 5, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
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Db 194 TGCAGCCGCTTTACCTTGACACGCGAACCCTCCAGGTTACCGCTATCGTCAAGTAC 253  
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Db 254 TGGTTGGTGGCCAGACCCCTTGACATATGTTAGCATGTACAGAAATGTGGGAGCCCT 313  
Qy 241 TCTGCTAACATCCCGAGCACTGGCACTACATACGTTTCGGCCTGAGTGATCTCTATGGT 300  
Db 314 TCTGCTAACATCCCGAGCACTGGCACTACATACGTTTCGGCCTGAGTGATCTCTATGGT 373  
Qy 301 GACAAACAGAGTCCATGAGTTTACAGAAACAGATGAGCACTAGTGGTTTTGGTTTTGAGTTG 360  
Db 374 GACAAACAGAGTCCATGAGTTTACAGAAACAGATGAGCACTAGTGGTTTTGGTTTTGAGTTG 433  
Qy 361 ACCTTTGCTGCAAGAGAGAACTGGGAGTCTGCCCAACCAACATGCGCCGAGAGTTA 420  
Db 434 ACCTTTGCTGCAAGAGAGAACTGGGAGTCTGCCCAACCAACATGCGCCGAGAGTTA 493  
Qy 421 ATGCAGGGCTTGGCAGCACTACGTTTCCAGTCAGAGAAACACTTCTGAGTGGGGACCAT 480  
Db 494 ATGCAGGGCTTGGCAGCACTACGTTTCCAGTCAGAGAAACACTTCTGAGTGGGGACCAT 553  
Qy 481 GTGTCTGTCAGAGCCCTTTGGATTAACAGTGAAGTCAAGAAATCAGCAATGCTGCTGACA 540  
Db 554 GTGTCTGTCAGAGCCCTTTGGATTAACAGTGAAGTCAAGAAATCAGCAATGCTGCTGACA 613  
Qy 541 GAGGACCCACAGATGAGCCCTGTCAGACACCCCTTTGGGTTAGTTTACCTTCTCCAGATC 600  
Db 614 GAGGACCCACAGATGAGCCCTGTCAGACACCCCTTTGGGTTAGTTTACCTTCTCCAGATC 673  
Qy 601 GTTGTGTCTGCACTGAAGAGTCACTCAGCCAGCAGTGAAGAACGGGAGGATCTCTG 660  
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Qy 661 GAGTCTCTGCGACAGTGCCTATTGCTGGCGCCCTGCTGATCAACTGATCGGGAGG 720  
Db 734 GAGTCTCTGCGACAGTGCCTATTGCTGGCGCCCTGCTGATCAACTGATCGGGAGG 793  
Qy 721 GGAGAGACCATATTTGAGATCGATCCACACTGCAAGAGAGAGTTTGACAAAGGCATCGAG 780  
Db 794 GGAGAGACCATATTTGAGATCGATCCACACTGCAAGAGAGAGTTTGACAAAGGCATCGAG 853  
Qy 781 ACAGATGGTCCAACTGAGTGGTGTGAGTGCCTGCAAGTGTGCTGGATGACCTGAGCCGG 840  
Db 854 ACAGATGGTCCAACTGAGTGGTGTGAGTGCCTGCAAGTGTGCTGGATGACCTGAGCCGG 913  
Qy 841 CCCCCGAGGATGACGAGACAGCCGAGCATCTGCATCGGCACACAGCCCGGCGACTC 900  
Db 914 CCCCCGAGGATGACGAGACAGCCGAGCATCTGCATCGGCACACAGCCCGGCGACTC 973  
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Db 974 TCTGCAAAAGACACAGAGCAGATCCGGGAGACCCCTGAGGAGAGACTCGAGATCAACAGC 1033  
Qy 961 AAACCTGCTCTCCACCATCAACCTCAGCGGCAAGTGGCTTCGCCACAGCCGCGGCC 1020  
Db 1034 AAACCTGCTCTCCACCATCAACCTCAGCGGCAAGTGGCTTCGCCACAGCCGCGGCC 1093  
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Qy 1081 ATTCGACGGGAGCTTGAAGCGTACATCTGAATTCACACAGAGTCCGAGCCCTC 1140  
Db 1154 ATTCGACGGGAGCTTGAAGCGTACATCTGAATTCACACAGAGTCCGAGCCCTC 1213  
Qy 1141 ATTCCTCTCTGCTAAGGGGAGGCTCTGCTGCACTGAGCGGCACTTTACATATAAAGTATC 1200  
Db 1214 ATTCCTCTCTGCTAAGGGGAGGCTCTGCTGCACTGAGCGGCACTTTACATATAAAGTATC 1273  
Qy 1201 ACAGGTGAATGCGGCATCAAGTTTGTCTCCAGGAGTGAAGGCGCTTTGCGCACTGAG 1260  
Db 1274 ACAGGTGAATGCGGCATCAAGTTTGTCTCCAGGAGTGAAGGCGCTTTGCGCACTGAG 1333

Qy 1261 GAGCATCCTTACGGCTCATGACCCCTGTTTACAACTC 1299  
Db 1334 GAGCATCCTTACGGCTCATGACCCCTGTTTACAACTC 1372

RESULT 4

US-10-123-904-5  
; Sequence 5, Application US/10123904  
; Publication No. US20030022328A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: F330R1C54  
; CURRENT APPLICATION NUMBER: US/10/123,904  
; CURRENT FILING DATE: 2002-04-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 5  
; LENGTH: 1760  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-123-904-5

Query Match 100.0%; Score 1299; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 ACTGCCCCCGCGGCTTCGCTTTCCCGCGGACTGCACGCCATCTACGGAGAG 120  
Db 134 ACTGCCCCCGCGGCTTCGCTTTCCCGCGGACTGCACGCCATCTACGGAGAG 193  
Qy 121 TGCGCGCGCCTTTACCGTGAACCGGCAACCCGCTCCAGGTTACCGGTATCGTCAAGTAC 180  
Db 194 TGCGCGCGCCTTTACCGTGAACCGGCAACCCGCTCCAGGTTACCGGTATCGTCAAGTAC 253  
Qy 181 TGGTTGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 240  
Db 254 TGGTTGGTGGCCAGACCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 313  
Qy 241 TCTGCTAACATCCCGAGCACTGGCACTACATCAGCTTCGGCCTGAGTGATCTCTATGGT 300  
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Qy 301 GACAAACAGTCCATGAGTTTACAGAAACAGATGAGCACTAGTGGTTTTGGTTTTGAGTTG 360  
Db 374 GACAAACAGTCCATGAGTTTACAGAAACAGATGAGCACTAGTGGTTTTGGTTTTGAGTTG 433  
Qy 361 ACCTTTGCTGCAAGAGAGAACTGGGAGTCTGCCCAACCAACATGCGCCGAGAGTTA 420  
Db 434 ACCTTTGCTGCAAGAGAGAACTGGGAGTCTGCCCAACCAACATGCGCCGAGAGTTA 493

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QY 421 ATGAGGGCTTGGCAGATACGTTTCCAGTACAGAGAACACCTTCTGCAGTGGGACCAT 480
Db 494 ATGAGGGCTTGGCAGATACGTTTCCAGTACAGAGAACACCTTCTGCAGTGGGACCAT 553
QY 481 GTGTCTGCGCAGAGCCCTTTGGATACAGTACAGTCAAGATTCAGACATGCTGTCACA 540
Db 554 GTGTCTGCGCAGAGCCCTTTGGATACAGTACAGTCAAGATTCAGACATGCTGTCACA 613
QY 541 GAGGACCCACAGATGAGCCGCTGAGACACACCTTTGGGAGTATACCTTCTCCAGATC 600
Db 614 GAGGACCCACAGATGAGCCGCTGAGACACACCTTTGGGAGTATACCTTCTCCAGATC 673
QY 601 GTGTGTCTGCTGAAAGAGCTACACTAGCCAGCAGTGGAAAGCCGAGGATCCCTG 660
Db 674 GTGTGTCTGCTGAAAGAGCTACACTAGCCAGCAGTGGAAAGCCGAGGATCCCTG 733
QY 661 GAGCTGCTGCGGACAGTGCCTATTGCTGCGGCGCCCTGGCTGATACTGACATCGGAGG 720
Db 734 GAGCTGCTGCGGACAGTGCCTATTGCTGCGGCGCCCTGGCTGATACTGACATCGGAGG 793
QY 721 GGAGAGACCATATTTGAGATCGATCCACACCTGCAAGAGAGAGTTGACAAAGGATCGAG 780
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QY 781 ACAGATGCTCCAACTGAGTGTGCTGAGTCCAGTGTGCTGGGATGACCTGAGCGG 840
Db 854 ACAGATGCTCCAACTGAGTGTGCTGAGTGTGCTGGGATGACCTGAGCGG 913
QY 841 CCCCCGAGGATGACGAGGACAGCCGAGCATCTGCATCGGCACACAGCCCCGCGACTC 900
Db 914 CCCCCGAGGATGACGAGGACAGCCGAGCATCTGCATCGGCACACAGCCCCGCGACTC 973
QY 901 TGTGCAAGACACAGAGCAGATCCGAGAGACCTGTGAGGAGAGACTGAGATCAACAGC 960
Db 974 TGTGCAAGACACAGAGCAGATCCGAGAGACCTGTGAGGAGAGACTGAGATCAACAGC 1033
QY 961 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGCCTCGCCACAGCCGCGCC 1020
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QY 1081 ATTGSCAGCGGAGCTTGAGAGCTGATCATGAAATTCACAGGAGTCCGAGCCCTC 1140
Db 1154 ATTGSCAGCGGAGCTTGAGAGCTGATCATGAAATTCACAGGAGTCCGAGCCCTC 1213
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Db 1214 ATTCTCTCTGCTAAGGGGAGGCTCCTGATGAGCGGCATTTACATATAAAGTATC 1273
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Db 1334 GAGCATCTTACGGGCTCATGAGCCCTGGTTTACAACTC 1372
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## RESULT 5

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; Sequence 5, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
```

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; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-470-5

Query Match 100.0%; Score 1299; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGCGGAGCTCGGGCTAGCGCGCGCCCGCGGCCACCGCGCCCGCGCCCGCGCCCGCGCG 60
Db 74 ATGGCGGAGCTCGGGCTAGCGCGCGCCCGCGGCCACCGCGCCCGCGCCCGCGCCCGCGCG 133
QY 61 ATGCCCCCCCCCGGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCG 120
Db 134 ATGCCCCCCCCCGGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCG 193
QY 121 TGCGCGCGGCTTTTACCTTGACCGCGGAAACCGGCTTCCAGGTTACCGCTTACCGCTTACGTAAGTAC 180
Db 194 TGCGCGCGGCTTTTACCTTGACCGCGGAAACCGGCTTCCAGGTTACCGCTTACCGCTTACGTAAGTAC 253
QY 181 TGTTGGGTGGCGCCAGAGCCCTTGGACATATGTTAGCATGTACAGGAATGTGGGAGCCCT 240
Db 254 TGTTGGGTGGCGCCAGAGCCCTTGGACATATGTTAGCATGTACAGGAATGTGGGAGCCCT 313
QY 241 TCTGTCTAATCATCCCGAGACATGCGCACTACATCAGCTTTCGCGCTGAGTATCTCTATGCT 300
Db 314 TCTGTCTAATCATCCCGAGACATGCGCACTACATCAGCTTTCGCGCTGAGTATCTCTATGCT 373
QY 301 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGAGACCTAGTGGTTTGGCTTTGAGTTG 360
Db 374 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGAGACCTAGTGGTTTGGCTTTGAGTTG 433
QY 361 ACCTTTGCTTGAAGAGAGAAACTGGGAGTCTGCCCCACCAACATGSCCCCGCAGAGTTA 420
Db 434 ACCTTTGCTTGAAGAGAGAAACTGGGAGTCTGCCCCACCAACATGSCCCCGCAGAGTTA 493
QY 421 ATGCAAGGGCTTGGCAGCATACGTTTCCAGTACAGAAACACCTTCTCAGTGGGAGCCAT 480
Db 494 ATGCAAGGGCTTGGCAGCATACGTTTCCAGTACAGAAACACCTTCTCAGTGGGAGCCAT 553
QY 481 GTGTCTGCGCAGAGCCCTTTGGATACAGTACAGTCAAGATTCAGACATGCTGCTGACA 540
Db 554 GTGTCTGCGCAGAGCCCTTTGGATACAGTACAGTCAAGATTCAGACATGCTGCTGACA 613
QY 541 GAGGACCCACAGATGAGCCGCTGAGACACACCTTTGGGAGTATACCTTCTCCAGATC 600
Db 614 GAGGACCCACAGATGAGCCGCTGAGACACACCTTTGGGAGTATACCTTCTCCAGATC 673
QY 601 GTGTGTCTGCTGAAAGAGCTACACTAGCCAGCAGTGGAAAGCCGAGGATCCCTG 660
Db 674 GTGTGTCTGCTGAAAGAGCTACACTAGCCAGCAGTGGAAAGCCGAGGATCCCTG 733
QY 661 GAGCTGCTGCGGACAGTGCCTATTGCTGCGGCGCCCTGGCTGATACTGACATCGGAGG 720
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Db 734 GAGTGTCTGGACAGTGCCTATTGCTGGGGCCCTGGGTGATAAATGACATCGGGAGG 793
Qy 721 GGAGAGACCAATATTGATCGATCCACACCTGCAAGAGAGAGTTGACAAAGGCATCGAG 780
Db 794 GGAGAGACCAATATTGATCGATCCACACCTGCAAGAGAGAGTTGACAAAGGCATCGAG 853
Qy 781 ACAGATGCTCCAACTGAGTGGTGTGAGTGCCTGAGTGCCTGAGTGCCTGAGCGGG 840
Db 854 ACAGATGCTCCAACTGAGTGGTGTGAGTGCCTGAGTGCCTGAGTGCCTGAGCGGG 913
Qy 841 CCCCGGAGGATGAGAGAGACAGCGGAGCATCTGCAATCGGCACACAGCCCGCGACTC 900
Db 914 CCCCGGAGGATGAGAGAGACAGCGGAGCATCTGCAATCGGCACACAGCCCGCGACTC 973
Qy 901 TCTGCAAGACACAGACAGATCGGGAGACCTGAGAGAGAGTGCAGACTGAGATCAACAGC 960
Db 974 TCTGCAAGACACAGACAGATCGGGAGACCTGAGAGAGAGTGCAGACTGAGATCAACAGC 1033
Qy 961 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGCCTGCGCCACAGCCGGGCC 1020
Db 1034 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGCCTGCGCCACAGCCGGGCC 1093
Qy 1021 CGAGCCGCAAGACAGAGCTGGAAGTGCAGAGTCCAGCGGCATCATTCCCATGAGCTG 1080
Db 1094 CGAGCCGCAAGACAGAGCTGGAAGTGCAGAGTCCAGCGGCATCATTCCCATGAGCTG 1153
Qy 1081 ATTCCGACGGGACGCTTGAAGCTATCATCTGAATTAACACGAGGATCGGAGCCCTC 1140
Db 1154 ATTCCGACGGGACGCTTGAAGCTATCATCTGAATTAACACGAGGATCGGAGCCCTC 1213
Qy 1141 ATTCTCTCTGCTTAAGGGGAGGCTCTCTGATGAGCGGCTTTTACATATAAAGATATC 1200
Db 1214 ATTCTCTCTGCTTAAGGGGAGGCTCTCTGATGAGCGGCTTTTACATATAAAGATATC 1273
Qy 1201 ACAGGTGACATGGCCATCAGTTTGTCTCCAGCGAGTGGAGGCGCTTTGCCACTGAG 1260
Db 1274 ACAGGTGACATGGCCATCAGTTTGTCTCCAGCGAGTGGAGGCGCTTTGCCACTGAG 1333
Qy 1261 GAGCATCTTACGGGCTCATGACCTCTGTTTACACTC 1299
Db 1334 GAGCATCTTACGGGCTCATGACCTCTGTTTACACTC 1372
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## RESULT 6

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US-10-175-746-5
; Sequence 5, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: F330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
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; LENGTH: 1760

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-175-746-5

Query Match 100.0%; Score 1299; DB 14; Length 1760;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 ATGGCGAGCTGCGGCTAGCGGGCCCGCGGCCACCGCGCCCGCCCGCCCGCCCGCCCGCG 60
Db 74 ATGGCGAGCTGCGGCTAGCGGGCCCGCGGCCACCGCGCCCGCCCGCCCGCCCGCCCGCG 133
Qy 61 ACTGCCCCCCCCCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTC 120
Db 134 ACTGCCCCCCCCCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTCGCTTTC 193
Qy 121 TGCGCGCGCTTTTACCTTACCGCTGACCGAGAAACCGCTTCCAGGTTACCGCTATCTCTAAGTAC 180
Db 194 TGCGCGCGCTTTTACCTTACCGCTGACCGAGAAACCGCTTCCAGGTTACCGCTATCTCTAAGTAC 253
Qy 181 TGCTTGGTGGCCCGACAGCCCTTGGACTATGTAGCATGTACAGGAATGTGGGAGCCCT 240
Db 254 TGCTTGGTGGCCCGACAGCCCTTGGACTATGTAGCATGTACAGGAATGTGGGAGCCCT 313
Qy 241 TCTGTAAATCCCGGAGCACTGGCACTACATCAGCTTCGGCTGAGTGTATCTCTATGCT 300
Db 314 TCTGTAAATCCCGGAGCACTGGCACTACATCAGCTTCGGCTGAGTGTATCTCTATGCT 373
Qy 301 GACACAGAGTCCATGAGTTTACAGAAACAGATGAGACCTAGTGGTTTGGCTTTGAGTTG 360
Db 374 GACACAGAGTCCATGAGTTTACAGAAACAGATGAGACCTAGTGGTTTGGCTTTGAGTTG 433
Qy 361 ACCTTCTGCTGAAGAGAGAACTGGGAGTCTGCCCCACCAACATGCGCCCGCAGAGTTA 420
Db 434 ACCTTCTGCTGAAGAGAGAACTGGGAGTCTGCCCCACCAACATGCGCCCGCAGAGTTA 493
Qy 421 ATGCGAGGCTTGGCAGCATACGTTTCCAGTCAGAGAACACCTTCTGCGAGTGGGGACCAT 480
Db 494 ATGCGAGGCTTGGCAGCATACGTTTCCAGTCAGAGAACACCTTCTGCGAGTGGGGACCAT 553
Qy 481 GTGTCCTGGCAGACGCTTTGGATTAACAGTGAAGTCAAGAAATTCAGACATGCTGTGACA 540
Db 554 GTGTCCTGGCAGACGCTTTGGATTAACAGTGAAGTCAAGAAATTCAGACATGCTGTGACA 613
Qy 541 GAGGACCCACAGATGACGCGCTGTCAGACACCTTTTGGGTAGTTACCTTCTCCAGATC 600
Db 614 GAGGACCCACAGATGACGCGCTGTCAGACACCTTTTGGGTAGTTACCTTCTCCAGATC 673
Qy 601 GTTGGTGTCTGCACTGAAGAGCTACACTCAGCCCGCAGTGGAAACGGGACGGCATCCTG 660
Db 674 GTTGGTGTCTGCACTGAAGAGCTACACTCAGCCCGCAGTGGAAACGGGACGGCATCCTG 733
Qy 661 GAGCTGCTGGGACAGTGCCTATTGCTGGCGGCGCCCTGGCTGATAACTGACATGCGGAGG 720
Db 734 GAGCTGCTGGGACAGTGCCTATTGCTGGCGGCGCCCTGGCTGATAACTGACATGCGGAGG 793
Qy 721 GGAGAGACCATATTGATGATCGATCCACACTGCAAGAGAGAGTTGACAAAGGCATCGAG 780
Db 794 GGAGAGACCATATTGATGATCGATCCACACTGCAAGAGAGAGTTGACAAAGGCATCGAG 853
Qy 781 ACAGATGCTCCAACTGAGTGGTGTGAGTGCCTGAGTGCCTGAGTGCCTGAGCGGG 840
Db 854 ACAGATGCTCCAACTGAGTGGTGTGAGTGCCTGAGTGCCTGAGTGCCTGAGCGGG 913
Qy 841 CCCCGGAGGATGAGAGGACAGCCGGAGCATCTGCAATCGGCACACAGCCCGCGACTC 900
Db 914 CCCCGGAGGATGAGAGGACAGCCGGAGCATCTGCAATCGGCACACAGCCCGCGACTC 973
Qy 901 TCTGCAAGACACAGAGCAGATCCGGAGACCTGAGGAGAGGACTCGAGATCAACAGC 960
Db 974 TCTGCAAGACACAGAGCAGATCCGGAGACCTGAGGAGAGGACTCGAGATCAACAGC 1033
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QY 961 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGGCTCGCCACAGACCGGGCC 1020  
 DB 1034 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGGCTCGCCACAGACCGGGCC 1093  
 QY 1021 CCGAGCGGCAAGAGACAGCGCTGAAAGTACAGCTCCACGGCCATCATTTCCCATGAGCTG 1080  
 DB 1094 CCGAGCGGCAAGAGACAGCGCTGAAAGTACAGCTCCACGGCCATCATTTCCCATGAGCTG 1153  
 QY 1081 ATTGCGACCGCGAGCTTGAGAGCGTACATCTGAAATTAACAGAGTCCCGAGCCCTC 1140  
 DB 1154 ATTGCGACCGCGAGCTTGAGAGCGTACATCTGAAATTAACAGAGTCCCGAGCCCTC 1213  
 QY 1141 ATTCTCTCTGCTTAAGGGGAGGCTCTGATGACGCGCATTTACATATAAAGTATC 1200  
 DB 1214 ATTCTCTCTGCTTAAGGGGAGGCTCTGATGACGCGCATTTACATATAAAGTATC 1273  
 QY 1201 ACAGTGACATGGCCATCACGTTTGTCTCCAGGAGTGAAGCGCCCTTTGCCACTGAG 1260  
 DB 1274 ACAGTGACATGGCCATCACGTTTGTCTCCAGGAGTGAAGCGCCCTTTGCCACTGAG 1333  
 QY 1261 GAGCATCTTACGGCGCTCATGACCCCTGGTTACAACTC 1299  
 DB 1334 GAGCATCTTACGGCGCTCATGACCCCTGGTTACAACTC 1372

RESULT 7  
 US-10-176-918-5  
 ; Sequence 5, Application US/10176918  
 ; Publication No. US20030027275A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330RIC382  
 ; CURRENT APPLICATION NUMBER: US/10/176,918  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 5  
 ; LENGTH: 1760  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapien  
 US-10-176-918-5

Query Match 100.0%; Score 1299; DB 14; Length 1760;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGCGGAGTGGGCTAGCGGCGCCCGGCCCCCAGCCGCGCCCGCCCGCCCGCCCGCG 60  
 DB 74 ATGCGGAGTGGGCTAGCGGCGCCCGGCCCCCAGCCGCGCCCGCCCGCCCGCG 133  
 QY 61 ACTGCCCGCCGCTTGGCTCTTCCCGCGGACTGACCGCATCTACGAGAG 120  
 DB 134 ACTGCCCGCCGCTTGGCTCTTCCCGCGGACTGACCGCATCTACGAGAG 193  
 QY 121 TGCGCGCGCTTTACCTGTACGACCGCGAACCCGCTCCAGGTTACCGCTATCGTCAAGTAC 180

DB 194 TGCGCGCGCTTTACCTGTACCAAGCCGAAACCGCTCCAGGTACCGCTATCGTCAAGTAC 253  
 QY 181 TGGTTGGGTGGCCAGACCCCTTGGACTATGTAGCATGTACAGGAATGTGGGAGCCCT 240  
 DB 254 TGGTTGGGTGGCCAGACCCCTTGGACTATGTAGCATGTACAGGAATGTGGGAGCCCT 313  
 QY 241 TCTGCTAAACATCCCGAGCACTGGCACTACATCAGCTTCGGCTCAGTGTATCTATGCT 300  
 DB 314 TCTGCTAAACATCCCGAGCACTGGCACTACATCAGCTTCGGCTCAGTGTATCTATGCT 373  
 QY 301 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGACCTAGTGGTTTGGCTTTGAGTTG 360  
 DB 374 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGACCTAGTGGTTTGGCTTTGAGTTG 433  
 QY 361 ACCTTTCTGCTGAAGAGAGAACTGGGGAGTCTGCCCAACCAATGGCCCGCAGAGTTA 420  
 DB 434 ACCTTTCTGCTGAAGAGAGAACTGGGGAGTCTGCCCAACCAATGGCCCGCAGAGTTA 493  
 QY 421 ATGAGGGCTTGGCGAGTACCTGTTCCAGTCAGAGAACACCTTCTGAGTGGGACCAT 480  
 DB 494 ATGAGGGCTTGGCGAGTACCTGTTCCAGTCAGAGAACACCTTCTGAGTGGGACCAT 553  
 QY 481 GTGTCTTGGCACAGCCCTTTGGATAACAGTGTAGTCAAGAAATTCAGACATGCTGTGACA 540  
 DB 554 GTGTCTTGGCACAGCCCTTTGGATAACAGTGTAGTCAAGAAATTCAGACATGCTGTGACA 613  
 QY 541 GAGGACCCACAGATCAGCCCTGTCAGACACACCTTTGGGGTAGTTACCTTCTCCAGATC 600  
 DB 614 GAGGACCCACAGATCAGCCCTGTCAGACACACCTTTGGGGTAGTTACCTTCTCCAGATC 673  
 QY 601 GTTGTGTCTGCACCTGAGAGAGTACATCAGCCCGAGTGGAGACGGCAGGAGTCTG 660  
 DB 674 GTTGTGTCTGCACCTGAGAGAGTACATCAGCCCGAGTGGAGACGGCAGGAGTCTG 733  
 QY 661 GAGTGTCTGCGACAGTGCCTATTGCTGGCGGCCCTGGCTGATAACTGACATGCGGAGG 720  
 DB 734 GAGTGTCTGCGACAGTGCCTATTGCTGGCGGCCCTGGCTGATAACTGACATGCGGAGG 793  
 QY 721 GGAGAGACCATATTGAGATCGATCCACACCTGTCAGAGAGAGTTGACAAAGGATCGAG 780  
 DB 794 GGAGAGACCATATTGAGATCGATCCACACCTGTCAGAGAGAGTTGACAAAGGATCGAG 853  
 QY 781 ACAGATGCTCCAACTGAGTGGTGTAGTGCCTGCTGGAGTGCCTGAGCGCG 840  
 DB 854 ACAGATGCTCCAACTGAGTGGTGTAGTGCCTGCTGGAGTGCCTGAGCGCG 913  
 QY 841 CCCCCGAGGATGACGAGGACAGCGGAGCATCTGTCATCGGCAACAGCCCGCGGACTC 900  
 DB 914 CCCCCGAGGATGACGAGGACAGCGGAGCATCTGTCATCGGCAACAGCCCGCGGACTC 973  
 QY 901 TCTGCAAGACACAGACAGCATCGGAGACCTGAGGAGGAGTTCGAGATCAACAGC 960  
 DB 974 TCTGCAAGACACAGACAGCATCGGAGACCTGAGGAGGAGTTCGAGATCAACAGC 1033  
 QY 961 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGGCTTCGCCCCAGACCGGGCC 1020  
 DB 1034 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAGTGGCTTCGCCCCAGACCGGGCC 1093  
 QY 1021 CCGAGCGGCAAGAGACAGCTGAAAGTACAGCTCCAGCGCCATCATTTCCCATGAGCTG 1080  
 DB 1094 CCGAGCGGCAAGAGACAGCTGAAAGTACAGCTCCAGCGCCATCATTTCCCATGAGCTG 1153  
 QY 1081 ATTGCGACCGCGAGCTTGAGAGCGTACATCTGAAATTAACAGAGTCCCGAGCCCTC 1140  
 DB 1154 ATTGCGACCGCGAGCTTGAGAGCGTACATCTGAAATTAACAGAGTCCCGAGCCCTC 1213  
 QY 1141 ATTCTCTCTGCTTAAGGGGAGGCTCTGATGACGCGCATTTACATATAAAGTATC 1200  
 DB 1214 ATTCTCTCTGCTTAAGGGGAGGCTCTGATGACGCGCATTTACATATAAAGTATC 1273  
 QY 1201 ACAGTGACATGGCCATCACGTTTGTCTCCAGGAGTGAAGCGCCCTTTGCCACTGAG 1260









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; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-474-5

Query Match      100.0%; Score 1299; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGCGGAGCTGGCGCTAGGGGCGCCCGCGGCCCGCCACCGCGCCCGCGCCCGCGCCCGCG 60
Db 74 ATGCGGAGCTGGCGCTAGGGGCGCCCGCGGCCCGCCACCGCGCCCGCGCCCGCGCCCGCG 133
QY 61 ACTGCCCCCGCGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTT 120
Db 134 ACTGCCCCCGCGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTT 193
QY 121 TGGCGCGCGCTTTACCTGACGAGCGAACCAGCTTCCAGGTTACCGGTATCGTCAAGTAC 180
Db 194 TGGCGCGCGCTTTACCTGACGAGCGAACCAGCTTCCAGGTTACCGGTATCGTCAAGTAC 253
QY 181 TGGTTGGTGGCGCCAGACCCCTTGGACTATGTTAGATGTACAGGAATGTGGGGAGCCCT 240
Db 254 TGGTTGGTGGCGCCAGACCCCTTGGACTATGTTAGATGTACAGGAATGTGGGGAGCCCT 313
QY 241 TCTGCTTAACATCCCGAGCGACTGCGCACTACATCAGCTTGGCTTGGCTTGGCTTGGCTT 300
Db 314 TCTGCTTAACATCCCGAGCGACTGCGCACTACATCAGCTTGGCTTGGCTTGGCTTGGCTT 373
QY 301 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGGACCTAGTGGTTTGGCTTGGCTT 360
Db 374 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGGACCTAGTGGTTTGGCTTGGCTT 433
QY 361 ACCTTTGCTGTGAAGAGAGAAATCTGGGGAGTGTGCCCCCACCACATGAGCGCGCAGAGTTA 420
Db 434 ACCTTTGCTGTGAAGAGAGAAATCTGGGGAGTGTGCCCCCACCACATGAGCGCGCAGAGTTA 493
QY 421 ATGCAAGGCTTGGCAGCATACGCTTCCAGTTCAGAGAACACCTTCTGCAAGTGGGACCAT 480
Db 494 ATGCAAGGCTTGGCAGCATACGCTTCCAGTTCAGAGAACACCTTCTGCAAGTGGGACCAT 553
QY 481 GTGTCTTGGGACAGCCCTTTGGTAAACAGTGAAGTCAAGAAATCAGACATGCTGTGTGACA 540
Db 554 GTGTCTTGGGACAGCCCTTTGGTAAACAGTGAAGTCAAGAAATCAGACATGCTGTGTGACA 613
QY 541 GAGGACCCACAGATGACGCGCTGCGACACACCTTTGGGGTAGTTACCTTCTTCCAGATC 600
Db 614 GAGGACCCACAGATGACGCGCTGCGACACACCTTTGGGGTAGTTACCTTCTTCCAGATC 673
QY 601 GTTGGTGTCTGACTGAAGAGCTACACTCAGCCAGCAGTGGAAACCGGAGGCGATCCTG 660
Db 674 GTTGGTGTCTGACTGAAGAGCTACACTCAGCCAGCAGTGGAAACCGGAGGCGATCCTG 733
QY 661 GAGCTGTGCGGACAGTGCCTATTGCTTGGCGGCCCTGCTGATTAAGTACATGCGGAGG 720
Db 734 GAGCTGTGCGGACAGTGCCTATTGCTTGGCGGCCCTGCTGATTAAGTACATGCGGAGG 793
QY 721 GGAGAGACCATATTGAGATCGATCCACACTGCAAGAGAGAGTTGACAAAGGATCGAG 780
Db 794 GGAGAGACCATATTGAGATCGATCCACACTGCAAGAGAGAGTTGACAAAGGATCGAG 853
QY 781 ACAGATGCTCCAACTGAGTGGTGTGAGTGGCGGCGCTGCTGGATGAGCTGAGCGCG 840
Db 854 ACAGATGCTCCAACTGAGTGGTGTGAGTGGCGGCGCTGCTGGATGAGCTGAGCGCG 913
QY 841 CCCCCGAGGATGACGAGGACAGCCGAGGATCTGCATCGGCAACACAGCCCGCGGAGCTC 900
Db 914 CCCCCGAGGATGACGAGGACAGCCGAGGATCTGCATCGGCAACACAGCCCGCGGAGCTC 973
QY 901 TCTGCGAAGACACAGAGCGATCCGGAGACCTTGAGGAGGAGCTTCAGATCAACAGC 960
Db 974 TCTGCGAAGACACAGAGCGATCCGGAGACCTTGAGGAGGAGCTTCAGATCAACAGC 1033
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## RESULT 11

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US-10-142-431-5
; Sequence 5, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hurwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C251
; CURRENT APPLICATION NUMBER: US/10/142,431
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-431-5
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Query Match      100.0%; Score 1299; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGCGGAGCTGGCGCTAGCGCGCGCCCGCGGCCCGCCACCGCGCCCGCGCCCGCGCCCG 60
Db 74 ATGCGGAGCTGGCGCTAGCGCGCGCCCGCGGCCCGCCACCGCGCCCGCGCCCGCGCCCG 133
QY 61 ACTGCCCCCGCGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTT 120
Db 134 ACTGCCCCCGCGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTT 193
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QY 121 TGCCGCGCCCTTTACCTGACGACGCGAACCCCGCTCCAGGTTACCGCTATCGTCAAGTAC 180  
Db 194 TGCCGCGCCCTTTACCTGACGACGCGAACCCCGCTCCAGGTTACCGCTATCGTCAAGTAC 253  
QY 181 TGGTGGGTGGCCCGACAGCCCTTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 240  
Db 254 TGGTGGGTGGCCCGACAGCCCTTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 313  
QY 241 TCTGTAAATCCCGGAGCAGTGGCACTACATCAGCTTCGGCTGAGTGATCTCTATGCT 300  
Db 314 TCTGTAAATCCCGGAGCAGTGGCACTACATCAGCTTCGGCTGAGTGATCTCTATGCT 373  
QY 301 GACAAACAGAGTCCATCAGTTTACAGAAACAGATGAGACCTAGTGGTTTGGCTTTAGTTG 360  
Db 374 GACAAACAGAGTCCATCAGTTTACAGAAACAGATGAGACCTAGTGGTTTGGCTTTAGTTG 433  
QY 361 ACCTTTGCTGTAAGAGAGAACTGGGGAGTCTGCCCAACCAACATGSGCCCGCAGAGTTA 420  
Db 434 ACCTTTGCTGTAAGAGAGAACTGGGGAGTCTGCCCAACCAACATGSGCCCGCAGAGTTA 493  
QY 421 ATGCGGGCTTGGCAGCATACGTGTTCCAGTCAGAGAACACCTTCTGAGTGGGACCAT 480  
Db 494 ATGCGGGCTTGGCAGCATACGTGTTCCAGTCAGAGAACACCTTCTGAGTGGGACCAT 553  
QY 481 GTGCTCGCAGACGCGCTTTGGATTAACAGTGAATCAAGAAATCAGACATGCTGTCGACA 540  
Db 554 GTGCTCGCAGACGCGCTTTGGATTAACAGTGAATCAAGAAATCAGACATGCTGTCGACA 613  
QY 541 GAGGACCCACAGATGACGCGCTTGCGAGACACCTTTGGGGTAGTTACCTTCTCCAGATC 600  
Db 614 GAGGACCCACAGATGACGCGCTTGCGAGACACCTTTGGGGTAGTTACCTTCTCCAGATC 673  
QY 601 GTTGTGTCTGCACTGAAGAGTACACTCAGCCAGCAGTGAACGCGCAGGATCCTG 660  
Db 674 GTTGTGTCTGCACTGAAGAGTACACTCAGCCAGCAGTGAACGCGCAGGATCCTG 733  
QY 661 GAGCTGTGCGACAGTGCCTTATGCTGGCGCCCTTGGCTGATACTGACATCGGAGG 720  
Db 734 GAGCTGTGCGACAGTGCCTTATGCTGGCGCCCTTGGCTGATACTGACATCGGAGG 793  
QY 721 CGAGAGACCATATTTAGATCGATCCACACCTGAGAGAGAGTTGACAAAGGATCGAG 780  
Db 794 CGAGAGACCATATTTAGATCGATCCACACCTGAGAGAGAGTTGACAAAGGATCGAG 853  
QY 781 ACAGATGCTCCAACTGAGTGGTGTGAGTGCAGTGCAGTGCCTGGGATGACCTCAGCCGG 840  
Db 854 ACAGATGCTCCAACTGAGTGGTGTGAGTGCAGTGCAGTGCCTGGGATGACCTCAGCCGG 913  
QY 841 CCCCCGAGGATGACGAGGACAGCCGGAGATCTGCATCGGCAACAGCCCGCGACTC 900  
Db 914 CCCCCGAGGATGACGAGGACAGCCGGAGATCTGCATCGGCAACAGCCCGCGACTC 973  
QY 901 TCTGCAAGACACAGAGCAGATCCGGAGACCTCGAGGAGAGCTCGAGATCAACAGC 960  
Db 974 TCTGCAAGACACAGAGCAGATCCGGAGACCTCGAGGAGAGCTCGAGATCAACAGC 1033  
QY 961 AAACCTGTCTTCAACCAATCAACCTCAGCGGAGAAATGCTCCGCCACGCGGCC 1020  
Db 1034 AAACCTGTCTTCAACCAATCAACCTCAGCGGAGAAATGCTCCGCCACGCGGCC 1093  
QY 1021 CCGAGCGCAAGACAGCCTGGAAGTGACAGCTCCACGCGCATCTATCCCATGAGCTG 1080  
Db 1094 CCGAGCGCAAGACAGCCTGGAAGTGACAGCTCCACGCGCATCTATCCCATGAGCTG 1153  
QY 1081 ATTGCGACGCGGAGCTTGAGAGCGTATCTGAAATTCACACGAGGATCCGAGGCGCTC 1140  
Db 1154 ATTGCGACGCGGAGCTTGAGAGCGTATCTGAAATTCACACGAGGATCCGAGGCGCTC 1213  
QY 1141 ATTCTCTCTGCTTAAGGGCAGGCTCTGATGAGCGGACCTTTACATATAAAGTATC 1200  
Db 1214 ATTCTCTCTGCTTAAGGGCAGGCTCTGATGAGCGGACCTTTACATATAAAGTATC 1273  
QY 1201 ACAGGTGACATGCGCCATCACTGTTGTCTCCACGCGGAGTGAAGCGCCCTTTGCCACTGAG 1260

Db 1274 ACAGGTGACATGCGCCATCACGTTGTCTCCACGGAGTGAAGCGCTTTGCCACTGAG 1333  
QY 1261 GAGCATCTTACGGGGCTCATGGAACCTCGTTTACAATC 1299  
Db 1334 GAGCATCTTACGGGGCTCATGGAACCTCGTTTACAATC 1372

RESULT 12  
US-10-143-114-5  
; Sequence 5, Application US/10143114  
; Publication No. US20030036180A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Deenoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: F3330R1C211  
; CURRENT APPLICATION NUMBER: US/10/143,114  
; CURRENT FILING DATE: 2002-05-09  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 5  
; LENGTH: 1760  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-143-114-5

Query Match 100.0%; Score 1299; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGCGGAGCTCGGCTAGCGCGCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCG 60  
Db 74 ATGGCGGAGCTCGGCTAGCGCGCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCG 133  
QY 61 ACTGCCCCCGCGCCCTTCGCTTCGCTCTTTCCCGCGGACTGCAGCGCATCTACGAGAG 120  
Db 134 ACTGCCCCCGCGCCCTTCGCTTCGCTCTTTCCCGCGGACTGCAGCGCATCTACGAGAG 193  
QY 121 TGCCCGCGCCCTTTACCTGACGACGCGCAACCGCTTCCAGGTTACCGCTATCGTCAAGTAC 180  
Db 194 TGCCCGCGCCCTTTACCTGACGACGCGCAACCGCTTCCAGGTTACCGCTATCGTCAAGTAC 253  
QY 181 TGGTTGGGTGGCCCGACAGCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 240  
Db 254 TGGTTGGGTGGCCCGACAGCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 313  
QY 241 TCTGTAAATCCCGGAGCAGTGGCACTACATCAGCTTCGGCTGAGTGATCTCTATGCT 300  
Db 314 TCTGTAAATCCCGGAGCAGTGGCACTACATCAGCTTCGGCTGAGTGATCTCTATGCT 373  
QY 301 GACAAACAGAGTCCATCAGTTTACAGAAACAGATGAGACCTAGTGGTTTGGCTTTAGTTG 360  
Db 374 GACAAACAGAGTCCATCAGTTTACAGAAACAGATGAGACCTAGTGGTTTGGCTTTAGTTG 433  
QY 361 ACCTTTGCTGTAAGAGAGAACTGGGGAGTCTGCCCAACCAACATGSGCCCGCAGAGTTA 420

434 ACCTTTGCTCTGAAGAGAAACTGGGAGTCTGCCCCACCAACATGCGCCCGCAGAGTTA 493  
Db  
421 ATGCGGGCTTGGCAGTACCTGTTCCAGTCAGAGAACACCTCTGAGTGGGACCAT 480  
QY  
494 ATGCGGGCTTGGCAGTACCTGTTCCAGTCAGAGAACACCTCTGAGTGGGACCAT 553  
Db  
481 GTGTCTGTCACAGCCCTTTGGATAACAGTGTCAAGAAATTCAGACATGCTGTGACA 540  
QY  
554 GTGTCTGTCACAGCCCTTTGGATAACAGTGTCAAGAAATTCAGACATGCTGTGACA 613  
Db  
541 GAGGACCCACAGATGCGCCCTGTCAGACACCTTTGGGTAGTTACCTTCTCCAGATC 600  
QY  
614 GAGGACCCACAGATGCGCCCTGTCAGACACCTTTGGGTAGTTACCTTCTCCAGATC 673  
Db  
601 GTTGGTGTCTGACCTGAAGAGTACACTCAGCCCGCAGTGAACGGCAGGCTCTG 660  
QY  
674 GTTGGTGTCTGACCTGAAGAGTACACTCAGCCCGCAGTGAACGGCAGGCTCTG 733  
Db  
661 GAGTCTCTGCGACAGTGTCTATTTGCTGCGCGCCCTGCTGATTAACCTGACATGCGGAG 720  
QY  
734 GAGTCTCTGCGACAGTGTCTATTTGCTGCGCGCCCTGCTGATTAACCTGACATGCGGAG 793  
Db  
721 GAGGACCATATTTGAGATCGATCCACACCTGCAAGAGAGTTGACAAAGGCTCGAG 780  
QY  
794 GAGGACCATATTTGAGATCGATCCACACCTGCAAGAGAGTTGACAAAGGCTCGAG 853  
Db  
781 ACAGATGGTCTCAACCTGAGTGTGTCAGTGCAGAGTGTGCTGGGATGACCTGAGCCGG 840  
QY  
854 ACAGATGGTCTCAACCTGAGTGTGTCAGTGCAGAGTGTGCTGGGATGACCTGAGCCGG 913  
Db  
841 CCCCCCGAGATGACGAGACAGCCGAGCAGTGTGCTGGGATGACCTGAGCCGGACTC 900  
QY  
914 CCCCCCGAGATGACGAGACAGCCGAGCAGTGTGCTGGGATGACCTGAGCCGGACTC 973  
Db  
901 TCTGGCAAGACACAGAGCAGATCCCGGAGACCTCGAGGAGGACTCGAGATCAACAGC 960  
QY  
974 TCTGGCAAGACACAGAGCAGATCCCGGAGACCTCGAGGAGGACTCGAGATCAACAGC 1033  
Db  
961 AATCTGTCTTCCCAATCAACCTCAGCGGAGAAATGGCTCGCCCAAGACCGGGCC 1020  
QY  
1034 AATCTGTCTTCCCAATCAACCTCAGCGGAGAAATGGCTCGCCCAAGACCGGGCC 1093  
Db  
1021 CCGAGCCGAAAGACAGCCTGGAAGTGAAGTCAAGCTCCAGCGGCACTCAATCCCATGAGCTG 1080  
QY  
1094 CCGAGCCGAAAGACAGCCTGGAAGTGAAGTCAAGCTCCAGCGGCACTCAATCCCATGAGCTG 1153  
Db  
1081 ATTCCGACCGGAGCTTGAGAGCTGATCTGAAATTCAAACAGGAGTCCGAGGCTCTC 1140  
QY  
1154 ATTCCGACCGGAGCTTGAGAGCTGATCTGAAATTCAAACAGGAGTCCGAGGCTCTC 1213  
Db  
1141 ATTCTCTCTGCTTAAAGGCGAGCTCTGATGAGGAGGCTTACATATAAAGTATC 1200  
QY  
1214 ATTCTCTCTGCTTAAAGGCGAGCTCTGATGAGGAGGCTTACATATAAAGTATC 1273  
Db  
1201 ACAGGTGACATGCGCCATCAGCTTTGTCTCCAGCGGAGTGAAGCGCCCTTTCAGCTGAG 1260  
QY  
1274 ACAGGTGACATGCGCCATCAGCTTTGTCTCCAGCGGAGTGAAGCGCCCTTTCAGCTGAG 1333  
Db  
1261 GAGCATCTTACGGGCTGATGACCTTGTTCACACTC 1299  
QY  
1334 GAGCATCTTACGGGCTGATGACCTTGTTCACACTC 1372  
Db

RESULT 13

US-10-140-002-5  
; Sequence 5, Application US/10140002  
; Publication No. US20030037623A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForse, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C59  
CURRENT APPLICATION NUMBER: US/10/140,002  
CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 5  
LENGTH: 1760  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-140-002-5

Query Match 100.0%; Score 1299; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 ATGCGGAGCTGCGGCTAGCGGCGCCCGCGGCCCAACCGCGCCCGCGGCCCTTGGCCCG 60  
Db 74 ATGCGGAGCTGCGGCTAGCGGCGCCCGCGGCCCAACCGCGCCCGCGGCCCTTGGCCCG 133  
QY 51 ACTGCGCCCGCGGCTTGGCTTGGCTCTTCCCGCGGAGTGCACGCGCATCTACGGAGAG 120  
Db 134 ACTGCGCCCGCGGCTTGGCTTGGCTCTTCCCGCGGAGTGCACGCGCATCTACGGAGAG 193  
QY 121 TCGCGCGCGCTTTACCTGTGACCGCGCAACCGCGTCCAGGTATCCGCTATCGTCAAGTAC 180  
Db 194 TCGCGCGCGCTTTACCTGTGACCGCGCAACCGCGTCCAGGTATCCGCTATCGTCAAGTAC 253  
QY 181 TGGTGGTGGCCAGACCCCTTGGACTATGTAGCATGTACAGAGATGTGGGAGCCCT 240  
Db 254 TGGTGGTGGCCAGACCCCTTGGACTATGTAGCATGTACAGAGATGTGGGAGCCCT 313  
QY 241 TCTGTAACATCCCGGAGCACTGGCACTACATCAGCTTCCGCGCTGAGTGTCTCTATGCT 300  
Db 314 TCTGTAACATCCCGGAGCACTGGCACTACATCAGCTTCCGCGCTGAGTGTCTCTATGCT 373  
QY 301 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGGAACCTAGTGTGCTTTGGCTTTGAGTTG 360  
Db 374 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGGAACCTAGTGTGCTTTGGCTTTGAGTTG 433  
QY 361 ACCTTTGCTCTGAAGAGAGAACTGGGAGTCTGCCCAACCAACATGSCCGCAGAGTTA 420  
Db 434 ACCTTTGCTCTGAAGAGAGAACTGGGAGTCTGCCCAACCAACATGSCCGCAGAGTTA 493  
QY 421 ATGCGAGGCTTGGCAGCAGATACGTGTTCCAGTCAGAGAACACCTTCTGCGAGTGGGAGCAAT 480  
Db 494 ATGCGAGGCTTGGCAGCAGATACGTGTTCCAGTCAGAGAACACCTTCTGCGAGTGGGAGCAAT 553  
QY 481 GTGTCTGCGACAGCCCTTTGGATAACAGTGTGAGTCAAGAAATTCAGACATGCTGTGACA 540  
Db 554 GTGTCTGCGACAGCCCTTTGGATAACAGTGTGAGTCAAGAAATTCAGACATGCTGTGTGACA 613  
QY 541 GAGGACCCACAGATGCGCCCTGTCAGACACCTTTTGGGTAGTTACCTTCTCCAGATC 600  
Db 614 GAGGACCCACAGATGCGCCCTGTCAGACACCTTTTGGGTAGTTACCTTCTCCAGATC 673  
QY 601 GTTGGTGTCTGACCTGAAGAGTACACTCAGCCCGCAGTGAACGGCAGGCTCTG 660  
Db 674 GTTGGTGTCTGACCTGAAGAGTACACTCAGCCCGCAGTGAACGGCAGGCTCTG 733

QY 661 GAGCTGCTGGGACAGTGCCTATTGCTGGGGCCCTGGCTGATTAACATGACATGGCGAGG 720  
Db 734 GAGCTGCTGGGACAGTGCCTATTGCTGGGGCCCTGGCTGATTAACATGACATGGCGAGG 793  
QY 721 GGAGAGACCATATTTGAGATCGATCACACCTGCAAGAGAGAGTTGACAAAGGCATCGAG 780  
Db 794 GGAGAGACCATATTTGAGATCGATCACACCTGCAAGAGAGAGTTGACAAAGGCATCGAG 853  
QY 781 ACAGATGGCTCCAACTGAGTGTGTCAGTCCAAAGTGTGCTGGGATGACCTGAGCCGG 840  
Db 854 ACAGATGGCTCCAACTGAGTGTGTCAGTCCAAAGTGTGCTGGGATGACCTGAGCCGG 913  
QY 841 CCCCCGAGGATGACGAGGACAGCCGAGCATCTGCATCGGCACACAGCCCGGCACTC 900  
Db 914 CCCCCGAGGATGACGAGGACAGCCGAGCATCTGCATCGGCACACAGCCCGGCACTC 973  
QY 901 TCTGGCAAAAGACACAGAGCAGATCCGGGAGACCCCTGAGGAGAGGACTCGAGATCAACAGC 960  
Db 974 TCTGGCAAAAGACACAGAGCAGATCCGGGAGACCCCTGAGGAGAGGACTCGAGATCAACAGC 1033  
QY 961 ABACTGTCTTCCACCAATCAACCTCAGCGGAGAAATGGCTCGCCACAGCCGGGCC 1020  
Db 1034 ABACTGTCTTCCACCAATCAACCTCAGCGGAGAAATGGCTCGCCACAGCCGGGCC 1093  
QY 1021 CCGAGCGCAAAAGACAGACGCTGGAAAGTGACAGCTCCACGGCCATCATTTCCCATGAGCTG 1080  
Db 1094 CCGAGCGCAAAAGACAGACGCTGGAAAGTGACAGCTCCACGGCCATCATTTCCCATGAGCTG 1153  
QY 1081 ATTGACACCGGAGCTTGAGAGCGTACATCTGAAATTCACACGAGGTGCGGAGCCCTC 1140  
Db 1154 ATTGACACCGGAGCTTGAGAGCGTACATCTGAAATTCACACGAGGTGCGGAGCCCTC 1213  
QY 1141 ATTCTCTCTGCTTAAGGGGAGGCTCTGCTGATGACAGCGCACTTTACATATATAAGTATC 1200  
Db 1214 ATTCTCTCTGCTTAAGGGGAGGCTCTGCTGATGACAGCGCACTTTACATATATAAGTATC 1273  
QY 1201 ACAGTGTACATGGCCATCAGTTTGTCTCCAGGAGTGGAGGCGCTTTGCCACTGAG 1260  
Db 1274 ACAGTGTACATGGCCATCAGTTTGTCTCCAGGAGTGGAGGCGCTTTGCCACTGAG 1333  
QY 1261 GAGCATCTTACGCGGCTCATGAGCCCTGTTTACAACTC 1299  
Db 1334 GAGCATCTTACGCGGCTCATGAGCCCTGTTTACAACTC 1372

## RESULT 14

US-10-142-419-5

; Sequence 5, Application US/10142419

; Publication No. US2003004945A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C244

; CURRENT APPLICATION NUMBER: US/10/142,419

; CURRENT FILING DATE: 2002-05-10

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 5

; LENGTH: 1760

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-142-419-5

## Query Match

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGCGGAGAGTGGCGCTAGCGGGCCCCCGGCCCCACCGGCCCCCGGCCCCCGGCCCCCGGCCCCG 60  
Db 74 ATGCGGAGAGTGGCGGCTAGCGGGCCCCCGGCCCCACCGGCCCCCGGCCCCCGGCCCCCGGCCCCG 133  
QY 61 ACTGCCCCCGGCGCTTCGCTTCGCTCTTTCCCGCGGACTGCACGCCATCTACGGAGAG 120  
Db 134 ACTGCCCCCGGCGCTTCGCTTCGCTCTTTCCCGCGGACTGCACGCCATCTACGGAGAG 193  
QY 121 TGC CGCGCGCTTTACCTTGACAGCGCAACCGCGCTCCAGGTTACCGCTATCGTCAAGTAC 180  
Db 194 TGC CGCGCGCTTTACCTTGACAGCGCAACCGCGCTCCAGGTTACCGCTATCGTCAAGTAC 253  
QY 181 TGGTGGGTGGCGGCGAGCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 240  
Db 254 TGGTGGGTGGCGGCGAGCCCTTGGACTATGTTAGCATGTACAGGAATGTGGGAGCCCT 313  
QY 241 TCTGCTAAACATCCCGAGCACTGGCACTACATAGCTTCGGCTGAGTGTCTATGCT 300  
Db 314 TCTGCTAAACATCCCGAGCACTGGCACTACATAGCTTCGGCTGAGTGTCTATGCT 373  
QY 301 GACACAGAGTCCATGAGTTTACAGAAACAGATGGACCTAGTGGTTCGCTTCAGTTG 360  
Db 374 GACACAGAGTCCATGAGTTTACAGAAACAGATGGACCTAGTGGTTCGCTTCAGTTG 433  
QY 361 ACCTTTGCTGTAAGAGAGAAACTGGGGAGTGTGCCCCACCAACATGGCCCCGACAGTTA 420  
Db 434 ACCTTTGCTGTAAGAGAGAAACTGGGGAGTGTGCCCCACCAACATGGCCCCGACAGTTA 493  
QY 421 ATGCGGCGCTGGCAGATACGTTTCCAGTCAGAGAACACCTTCGAGTGGGAGCCAT 480  
Db 494 ATGCGGCGCTGGCAGATACGTTTCCAGTCAGAGAACACCTTCGAGTGGGAGCCAT 553  
QY 481 GTGCTCTGGCACAGCGCCCTTTGGATAACAGTGAATTCAGCAATTCAGCATGTGCTGACA 540  
Db 554 GTGCTCTGGCACAGCGCCCTTTGGATAACAGTGAATTCAGCAATTCAGCATGTGCTGACA 613  
QY 541 GAGGACCCACAGATGAGCGCCCTGCGAGACACCTTTGGGGTAGTTACCTTCCTCCAGATC 600  
Db 614 GAGGACCCACAGATGAGCGCCCTGCGAGACACCTTTGGGGTAGTTACCTTCCTCCAGATC 673  
QY 601 GTTGGTGTCTGCACTGAGAGCTACACTCAGCCAGAGTGAACCGGACGAGGATCCCTG 660  
Db 674 GTTGGTGTCTGCACTGAGAGCTACACTCAGCCAGAGTGAACCGGACGAGGATCCCTG 733  
QY 661 GAGCTGCTCGGACAGTGCCTATTGCTGGCGCCCTGCTGATAAATGACATGGGAGG 720  
Db 734 GAGCTGCTCGGACAGTGCCTATTGCTGGCGCCCTGCTGATAAATGACATGGGAGG 793  
QY 721 GGAGAGACCATATTTGAGATCGATCCACCTGCAAGAGAGAGTTGACAAAGGCATCGAG 780  
Db 794 GGAGAGACCATATTTGAGATCGATCCACCTGCAAGAGAGAGTTGACAAAGGCATCGAG 853  
QY 781 ACAGATGGCTCCAACTGAGTGTGTCAGTCCAAAGTGTGCTGGATGACCTGAGCCGG 840  
Db 854 ACAGATGGCTCCAACTGAGTGTGTCAGTCCAAAGTGTGCTGGATGACCTGAGCCGG 913  
QY 841 CCCCCGAGGATGACGAGGACAGCCGAGCATCTGCATCGGCACACAGCCCGGCACTC 900  
Db 914 CCCCCGAGGATGACGAGGACAGCCGAGCATCTGCATCGGCACACAGCCCGGCACTC 973  
QY 901 TCTGGCAAAAGACACAGAGCAGATCCGGGAGACCCCTGAGGAGAGGACTCGAGATCAACAGC 960

Db 974 TCTGGCAAGACACAGAGAGATCCGGGAGACCCCTGAGGAGAGATCGAGATCAACAGC 1033  
Qy 961 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAAATGGCTCGGCCACAGCCGGGCC 1020  
Db 1034 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGATGGCTCGGCCACAGCCGGGCC 1093  
Qy 1021 CCGAGCGCAAGACAGCCCTGGAAGTGACAGCTCCACGGCCATCAATCCCAATGAGCTG 1080  
Db 1094 CCGAGCGCAAGACAGCCCTGGAAGTGACAGCTCCACGGCCATCAATCCCAATGAGCTG 1153  
Qy 1081 ATTCCGACGGGGAGCTTGAGAGGTATCATCTGAAATTCAACAGGAGTCCGAGCCCTC 1140  
Db 1154 ATTCCGACGGGGAGCTTGAGAGGTATCATCTGAAATTCAACAGGAGTCCGAGCCCTC 1213  
Qy 1141 ATTCTCTCTGCTTAAGGGGAGGCTCTCTCATGAGCGGACCTTTACATATAAAGTATC 1200  
Db 1214 ATTCTCTCTGCTTAAGGGGAGGCTCTCTCATGAGCGGACCTTTACATATAAAGTATC 1273  
Qy 1201 ACAGGTACATGGCCATCACTGCTGCTCCACGGGAGTGAAGCGCCCTTGGCCACTGAG 1260  
Db 1274 ACAGGTACATGGCCATCACTGCTGCTCCACGGGAGTGAAGCGCCCTTGGCCACTGAG 1333  
Qy 1261 GAGCATCTTACGGGCTCATGAGCCCTGTTTACAACTC 1299  
Db 1334 GAGCATCTTACGGGCTCATGAGCCCTGTTTACAACTC 1372

RESULT 15

US-10-123-262-5  
; Sequence 5, Application US/10123262  
; Publication No. US20030049816A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P33301C38  
; CURRENT APPLICATION NUMBER: US/10/123,262  
; CURRENT FILING DATE: 2002-04-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 5  
; LENGTH: 1760  
; TYPE: DNA  
; ORGANISM: Homo Sapien

US-10-123-262-5  
Query Match 100.0%; Score 1299; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1299; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 ATGGCGGAGCTGGGCTAGCGGCGCCCGGCGCCACCGCGCCCGGCGCCCGCTGGCGCG 60  
Db 74 ATGGCGGAGCTGGGCTAGCGGCGCCCGGCGCCACCGCGCCCGGCGCCCGCTGGCGCG 133  
Qy 61 ACTGCCCGCGCGCTTCCGCTCTTTCCCGGGGAGTGCAGCCCATCTACGGAGAG 120  
Db 134 ACTGCCCGCGCGCTTCCGCTCTTTCCCGGGGAGTGCAGCCCATCTACGGAGAG 193

Qy 121 TCGCGCGCGCTTTACCTGACACAGCGAACCCGCTCCAGGTTACCGCTATCGTCAAGTAC 180  
Db 194 TCGCGCGCGCTTTACCTGACACAGCGAACCCGCTCCAGGTTACCGCTATCGTCAAGTAC 253  
Qy 181 TGGTTGGGTGGCGCCAGACCCCTTGGATATGTTAGCATGTACAGGAATGTGGGAGCCCT 240  
Db 254 TGGTTGGGTGGCGCCAGACCCCTTGGATATGTTAGCATGTACAGGAATGTGGGAGCCCT 313  
Qy 241 TCTGCTACATCCCGGACACATGCGCACTACATCAGCTTCGGCCTGAGTGATCTCTATGCT 300  
Db 314 TCTGCTACATCCCGGACACATGCGCACTACATCAGCTTCGGCCTGAGTGATCTCTATGCT 373  
Qy 301 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGAGACCTAGTGGTTTTGGCTTTGAGTTG 360  
Db 374 GACAAACAGAGTCCATGAGTTTACAGGAACAGATGAGACCTAGTGGTTTTGGCTTTGAGTTG 433  
Qy 361 ACCTTTCTCTGAAAGAGAGAACTGGGAGTCTGCCCCACCAACATGSCCCGCGAGAGTTA 420  
Db 434 ACCTTTCTCTGAAAGAGAGAACTGGGAGTCTGCCCCACCAACATGSCCCGCGAGAGTTA 493  
Qy 421 ATGCAAGGCTTTGGGACAGATACGTTTCCAGTCAAGAACACCTTCTGCAAGTGGGACCAT 480  
Db 494 ATGCAAGGCTTTGGGACAGATACGTTTCCAGTCAAGAACACCTTCTGCAAGTGGGACCAT 553  
Qy 481 GTGCTCTGGACAGCCCTTTGGATTAACAGTGAATCAAGAAATTCAGACATCTCTGTGACA 540  
Db 554 GTGCTCTGGACAGCCCTTTGGATTAACAGTGAATCAAGAAATTCAGACATCTCTGTGACA 613  
Qy 541 GAGGACCCACAGATGAGCCCGTGCAGACACCCCTTTGGGGTAGTTACTCTTCCCTCCAGATC 600  
Db 614 GAGGACCCACAGATGAGCCCGTGCAGACACCCCTTTGGGGTAGTTACTCTTCCCTCCAGATC 673  
Qy 601 GTTGGTGTCTGCACTGAAGAGCTACCTCAGCCCGAGTGGAAACGGGCGAGGATCTCTG 660  
Db 674 GTTGGTGTCTGCACTGAAGAGCTACCTCAGCCCGAGTGGAAACGGGCGAGGATCTCTG 733  
Qy 661 GAGTGTCTGCGGACAGTGCCTTATTGCTGGGGCCCTTGGCTGATACTGACATCGGAGG 720  
Db 734 GAGTGTCTGCGGACAGTGCCTTATTGCTGGGGCCCTTGGCTGATACTGACATCGGAGG 793  
Qy 721 GGAGAGACCATATTGTGAGATCGATCCACACCTGCAAGAGAGAGTTGACAAAGGATCGAG 780  
Db 794 GGAGAGACCATATTGTGAGATCGATCCACACCTGCAAGAGAGAGTTGACAAAGGATCGAG 853  
Qy 781 ACAGATGGCTCCAACTGAGTGTGAGTGCCTGAGTGCCTGAGGATGACCTGAGCGCG 840  
Db 854 ACAGATGGCTCCAACTGAGTGTGAGTGCCTGAGTGCCTGAGGATGACCTGAGCGCG 913  
Qy 841 CCCCCGAGGATGACGAGGACAGCCGAGATCTGCACTCGGCACACAGCCCGGCGACTC 900  
Db 914 CCCCCGAGGATGACGAGGACAGCCGAGATCTGCACTCGGCACACAGCCCGGCGACTC 973  
Qy 901 TCTGCAAGACACAGAGCAGATCCGGGAGACCTGAGGAGAGGACTCGAGATCAACAGC 960  
Db 974 TCTGCAAGACACAGAGCAGATCCGGGAGACCTGAGGAGAGGACTCGAGATCAACAGC 1033  
Qy 961 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGATGGCTCGGCCACAGCCCGGCC 1020  
Db 1034 AAACCTGTCTTCCACCAATCAACCTCAGCGGAGAAATGGCTTCGCCACAGCCCGGCC 1093  
Qy 1021 CCGAGCGCAAGACAGCCCTGGAAGTGACAGCTTCCACGGCCCATCATTTCCCCATGAGCTG 1080  
Db 1094 CCGAGCGCAAGACAGCCCTGGAAGTGACAGCTTCCACGGCCCATCATTTCCCCATGAGCTG 1153  
Qy 1081 ATTGCGACGGGAGCTTGAGAGGTATCATCTGAAATTCAACAGGAGTCCGAGGCGCTC 1140  
Db 1154 ATTGCGACGGGAGCTTGAGAGGTATCATCTGAAATTCAACAGGAGTCCGAGGCGCTC 1213  
Qy 1141 ATTCTCTCTGCTTAAGGGGAGGCTCTCTCATGAGCGGACCTTTACATATAAAGTATC 1200  
Db 1214 ATTCTCTCTGCTTAAGGGGAGGCTCTCTCATGAGCGGACCTTTACATATAAAGTATC 1273

Sun Nov 28 09:38:05 2004

QY	1201	ACAGGTGACATGGCCATCACGTTTGTCTCCACGGGAGTGAAGGCGCTTTGCCACTGAG	1260
Db	1274	ACAGGTGACATGGCCATCACGTTTGTCTCCACGGGAGTGAAGGCGCTTTGCCACTGAG	1333
QY	1261	GAGCATCCTTACCGGGCTCATGGACCCCTGGTTACAACTC	1299
Db	1334	GAGCATCCTTACCGGGCTCATGGACCCCTGGTTACAACTC	1372

Search completed: November 22, 2004, 06:48:12  
Job time : 1760.2 secs